



Indian Ridge Marsh Phase II Environmental Site Investigation

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September, 1999

partial report
see Dan Marmer for appendices

UNITED STATES ARMY CORPS OF ENGINEERS, ILLINOIS
INDIAN RIDGE MARSH
PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT
EARTH TECH PROJECT NO. 37274

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EXECUTIVE SUMMARY

Earth Tech was retained by the United States Army Corps of Engineers (USACE) to perform a Phase II Environmental Site Investigation for the area known as Indian Ridge Marsh in Chicago, Illinois. The project tasks included: coordination of field activities; drilling at areas of concern within the property; field screening and collection of selected soil, sediment, and water samples for potential chemical constituents; analytical laboratory testing of the samples specified by USACE; and preparation of this report to summarize the findings and conclusions of the investigation.

Prior knowledge and current condition of the Indian Ridge Marsh indicated that there may have been past environmental impacts to the site. A Phase I Environmental Site Assessment performed by Mostardi Platt for Corlands in 1999 indicated that the Indian Ridge Marsh may have contained several solid waste disposal sites (SWDS) within the property boundaries. Recent investigations of adjacent properties west of the Indian Ridge Marsh site included sampling of sediment and surface water of the ditch on the west side of the site. The sediment and surface water was analyzed for metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and pesticides. Iron was detected above the Illinois Environmental Protection Agency's (IEPA) Tiered Approach to Cleanup Objectives (TACO) residential cleanup criteria in the surface water sample. The sediment sample exceeded the TACO residential cleanup criteria for pesticides DDT, DDE, DDD, aldrin and dieldrin.

The purpose of the field investigation and laboratory analysis was to characterize the material which was dumped in several locations on the site and any material that may be encountered during excavation activities for construction or disposal. Before investigation could be performed, USACE approved a site-specific Health and Safety Plan (HASP) developed by Earth Tech, and utilities were cleared. The field investigation consisted of three deep soil borings, six shallow soil borings, four surficial soil sample locations from six debris piles, and two surface water/sediment samples collected from open water locations. The sampling procedures and analysis on soil, surface water and sediment samples are discussed in the Field Investigation Activities section of this report. Field screening for samples was performed and is further discussed in Section 2.6. Personal protective equipment (PPE) was Level D and is discussed in Section 2.7.

Analytical results were compared to residential remediation objectives as outlined in Tiered Approach to Corrective Objectives (TACO): 35 Ill. Adm. Code Part 742. The following summary tables indicate the sample results that exceeded, at least, the lowest Remediation Objective (RO) required by TACO. If another RO, other than the lowest, was exceeded, the exposure route can be found in parentheses after the analytical result. Based on the investigation, Earth Tech concludes that some chemicals detected at the Indian Ridge Marsh do not meet IEPA residential remediation objectives or fall within naturally-occurring background ranges. Chemicals that exceeded the cleanup criteria at least once were: benzo[a]pyrene, dibenzo[a,h]anthracene, benzo[a]anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, carbazole, dieldrin, ideno[1,2,3-cd]pyrene, antimony, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, nickel, and vanadium.

1.0 INTRODUCTION

Earth Tech was retained by the United States Army Corps of Engineers (USACE) to perform a Phase II Environmental Site Investigation for the area known as Indian Ridge Marsh in Chicago, Illinois. The project tasks included: coordination of field activities; drilling at areas of concern within the property; field screening and collection of selected soil, sediment, and water samples for potential chemical constituents; analytical laboratory testing of the samples specified by USACE; and preparation of this report to summarize the findings and conclusions of the investigation.

1.1 BACKGROUND

The Indian Ridge Marsh is located on the south side of Chicago and is bordered by 116th Street to the north, the Calumet River to the south, Torrence Avenue to the east, and the Norfolk and Western Railway to the west. 122nd Street divides the property into north and south sections. General and site-specific maps can be found in the Figures section of this report.

Prior knowledge and current condition of the Indian Ridge Marsh indicated that there may have been past environmental impacts to the site. A Phase I Environmental Site Assessment performed by Mostardi Platt for Corlands in 1999 indicated that the Indian Ridge Marsh may have contained several solid waste disposal sites (SWDS) within the property boundaries. Recent investigations of adjacent properties west of the Indian Ridge Marsh site included sampling of sediment and surface water of the ditch on the west side of the site. The sediment and surface water was analyzed for metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and pesticides. Iron was detected above the Illinois Environmental Protection Agency's (IEPA) Tiered Approach to Cleanup Objectives (TACO) residential cleanup criteria in the surface water sample. The sediment sample exceeded the TACO residential cleanup criteria for pesticides DDT, DDE, DDD, aldrin and dieldrin.

1.2 SCOPE AND OBJECTIVES

The purpose of the field investigation and laboratory analysis was to characterize the material which was dumped in several locations on the site and any material that may be encountered during excavation activities for construction or disposal. Before investigation could be performed, USACE approved a site-specific Health and Safety Plan (HASP) developed by Earth Tech, and utilities were cleared. The field investigation consisted of three deep soil borings, six shallow soil borings, four surficial soil sample locations from six debris piles, and two surface water/sediment samples collected from open water locations. The sampling procedures and analysis on soil, surface water and sediment samples are discussed in the Field Investigation Activities section of this report. Field screening for samples was performed and is further discussed in Section 2.6. Personal protective equipment (PPE) was Level D and is discussed in Section 2.7.

2.0 INVESTIGATION FIELD ACTIVITIES

2.1 FIELD PREPARATION AND SUBCONTRACTOR COORDINATION

The USACE selected approximate locations and number of borings and samples. This allowed Earth Tech to prepare sampling supplies and expedite the field investigation.

USACE also required that Earth Tech submit a Health and Safety Plan (HASP) for review before commencing field activities. Upon receipt of the HASP approval, the appropriate utility companies were contacted in order to clear the property for drilling activities. Concurrently, Earth Tech arranged for a driller, Mid America Drilling (MAD), and an analytical laboratory, GPL Laboratories (GPL), for drilling, sampling, and sample analysis activities.

2.2 DEEP BORINGS

Three deep soil borings were drilled and sampled with a drill rig using hollow stem auger methods and stainless steel split spoons. The location of the soil borings are shown in Figure 2.3. Boring locations were as follows: B-01 was near the proposed visitors' center; B-02 was along the proposed sewer line; and B-03 was on the large fishing hole fill peninsula. All soil cuttings were placed in Department of Transportation (DOT) approved 55-gallon drums and labeled. Sampling was conducted in Level D personal protective equipment (PPE). All PPE was placed in a labeled and DOT-approved 55-gallon drum. All borings were backfilled with bentonite chips upon completion of the boring.

Two-foot split spoon samples were obtained continuously throughout the depth of each boring. After each two-foot sample was collected, the split spoon was opened and the VOC samples were immediately collected using the EncoreTM sampling method. This method involves placing a five gram soil sample into each of three, 40-mL vials which contain one of two preservatives, either sodium bicarbonate or methanol. At this point, a small amount of soil was placed in a ZiplockTM bag and allowed to reach ambient temperature for a "head-space" measurement with a photo-ionization detector (PID). The remaining soil from the split spoon was placed in a labeled ZiplockTM bag and placed on ice. After completion of the boring, the USACE representative chose one soil sample from B-01 and B-02 to be analyzed by the laboratory based on the head space measurements on soil samples. The soils from the chosen sample interval (on ice) were then placed in the appropriate sample container and placed on ice until delivery to the lab. The remaining soils not used for chemical analysis were used for geotechnical analysis or placed in the labeled soil drum. If required, a second boring was drilled to the same interval, specified by the USACE representative, to collect sufficient soil for the geotechnical samples.

Decontamination of the split spoon between sample intervals consisted of a liquinox wash followed by a tap water rinse and a distilled water rinse. All sampling equipment used during drilling was steamed cleaned between boring locations. All water generated

during decontamination procedures was placed in a labeled, DOT-approved 55-gallon drum.

Soil samples from the deep soil borings were analyzed for VOCs, SVOCs, inorganics, target analyte list (TAL) metals, herbicides, pesticides and PCBs by GPL. Copies of all chains of custody and analytical results can be found in Appendix A. One soil sample from boring B-03 was sampled and analyzed for toxicity characteristic leaching procedure (TCLP) for VOCs, SVOCs, eight RCRA metals, and pesticides. One geotechnical sample was chosen from each boring and tested for soil classification, soil particle analysis, soil moisture content, unconfined compression strength, particle size density, organic carbon content and Atterberg limits.

2.3 SHALLOW BORINGS

Six shallow soil borings were drilled and sampled using a stainless steel hand auger. The locations of the shallow borings with respect to potential future development are: SB-01 in the proposed parking lot, SB-02 in the northeast corner of the site, SB-03 in the northwest corner of the site, SB-04 south of 122nd Street on the west side of the site, SB-05 south of 122nd Street on the east side of the site, and SB-06 southwest of proposed parking lot. The depth of the shallow borings were approximately two feet below grade.

At each location, a VOC sample using the Encore™ sampling method and the sample for head space measurement were collected. The remaining soil was placed in a stainless steel bowl, composited and placed in the appropriate sample container on ice. All soil cuttings were placed in a DOT-approved, 55-gallon drum and labeled.

Decontamination of the hand auger between shallow borings consisted of a liquinox wash followed by a distilled water rinse. All water generated during decontamination procedures was placed in a labeled, DOT-approved, 55-gallon drum. Sampling was conducted in Level D PPE. All PPE was placed in a DOT-approved, 55-gallon drum and labeled.

Soil samples were analyzed for VOCs, SVOCs, inorganics, target analyte list (TAL) metals, herbicides, pesticides and PCBs by GPL. One field duplicate soil sample and one matrix spike/matrix spike duplicate (MS/MSD) soil sample was collected from the shallow borings and analyzed for VOCs, SVOCs, inorganics, TAL metals, pesticides and PCBs.

2.4 SURFICIAL SAMPLING

Four surficial soil samples (SS-01/02 to SS-06) were collected from debris piles along trails north of the fishing hole. The samples were collected with a stainless steel hand trowel. A VOC sample was collected first from one location, placed in a four-ounce glass jar and placed on ice. The remaining sample was composited from several locations on the pile and placed in the appropriate jar and placed on ice.

Decontamination of the hand trowel between surficial sample locations consisted of a liquinox wash followed by a distilled water rinse. All water generated during decontamination procedures was placed in a labeled, DOT-approved, 55-gallon drum. Sampling was conducted in Level D PPE. All PPE was placed in a labeled, DOT-approved, 55-gallon drum.

Soil samples were analyzed for VOCs, SVOCs, inorganics, target analyte list (TAL) metals, herbicides, pesticides and PCBs by GPL. One field duplicate soil sample was collected from the surficial sampling locations and analyzed for VOCs, SVOCs, TAL metals, inorganics, pesticides and PCBs.

2.5 SEDIMENT/WATER SAMPLING

Two surface water and two sediment samples were collected from the fishing hole (SW-01/S-01) and the pooled water behind the residences at 116th Street and Torrence Avenue (SW-02/S-02). Sediment samples were grabbed using long-cuff nitrile gloves. SW-01 was obtained with a disposable bailer from the fishing peninsula. SW-02 was obtained using an empty one-liter amber bottle from the lab. Sediments were placed in a stainless steel bowl, composited, placed in the appropriate jars and placed on ice.

Decontamination of the sampling equipment between sample locations consisted of a liquinox wash followed by a distilled water rinse. All water generated during decontamination procedures was placed in a labeled, DOT-approved, 55-gallon drum. Sampling was conducted in Level D PPE. All PPE was placed in a garbage bag and placed in a labeled, DOT-approved 55-gallon drum.

The surface water and sediment samples were analyzed for pesticides, TAL metals, pH and fecal coliform by GPL. One field duplicate and MS/MSD surface water were analyzed for the above listed analytes. One field duplicate and MS/MSD sediment sample were analyzed for fecal coliform

2.6 FIELD SCREENING METHODOLOGY

As discussed previously, the three deep borings required some field screening to determine which interval to send for chemical and physical analyses. In order to make this selection, a small amount of soil was placed in a ZiplockTM bag and allowed to reach ambient temperature for a "head-space" measurement with PID. After completion of the boring, the USACE representative chose one soil sample from B-01, B-02 and B-03 to be analyzed by the laboratory based on the head space measurements, appearance, and odor of the soil samples.

3.0 FIELD INVESTIGATION FINDINGS

Each of the deep soil borings was drilled to a naturally-occurring soil layer. Soils encountered at each of the deep boring locations were generally fill from four feet to eight feet deep and lake-bottom deposit from the fill layer to the end of the boring. Wet soil was encountered between three and five feet deep. None of the soils exhibited contamination-related odors or visible impacts. Head-space readings did not indicate that any one interval was giving off excessively more volatiles than others. Sample intervals were chosen by Sue Davis of the USACE and Matt Didier and Dan Marmer of the City of Chicago Department of Environment.

The second sediment/water sample was taken from the ponded water location near the northeast corner of the property because the rookery south of 116th Street was inaccessible. Both of the sediment and water locations showed visible signs of algae.

Detailed records, including boring logs and soils data forms, for each of the sample locations can be found in Appendix B.

4.0 ANALYTICAL RESULTS

Analytical results were compared to residential remediation objectives as outlined in Tiered Approach to Corrective Objectives (TACO): 35 Ill. Adm. Code Part 742. The summary tables found in the Tables section following this report indicate the sample results that exceeded, at least, the lowest remediation objective (RO) required by TACO. If another RO, other than the lowest value, was also exceeded, the exposure route can be found in parentheses after the analytical result.

Metals that exceeded TACO ROs were also compared with typical background concentrations for Metropolitan Statistical Areas according to A Summary of Selected Background Conditions for Inorganics in Soil (Illinois Environmental Protection Agency: August, 1994). All of the exceedances are listed in the Tables section of this report.

The following table summarizes the physical analyses performed by Testing Service Corporation (TSC) for the three deep borings:

Summary of Physical Analytical Results

Physical Test	Boring Results (Depth)		
	B-01 (6-10 ft.)	B-02 (6-10 ft.)	B-03 (0-4 ft.)
Sieve Analysis	Sand, trace gravel	Sand	Sand, some gravel
Moisture Content	29.9%	29.2%	7.4%
Compression Strength	See boring logs	See boring logs	See boring logs
Dry Unit Weight (pcf)	92.6	88.7	124.6
Organic content	1.8%	1.4%	2.4%

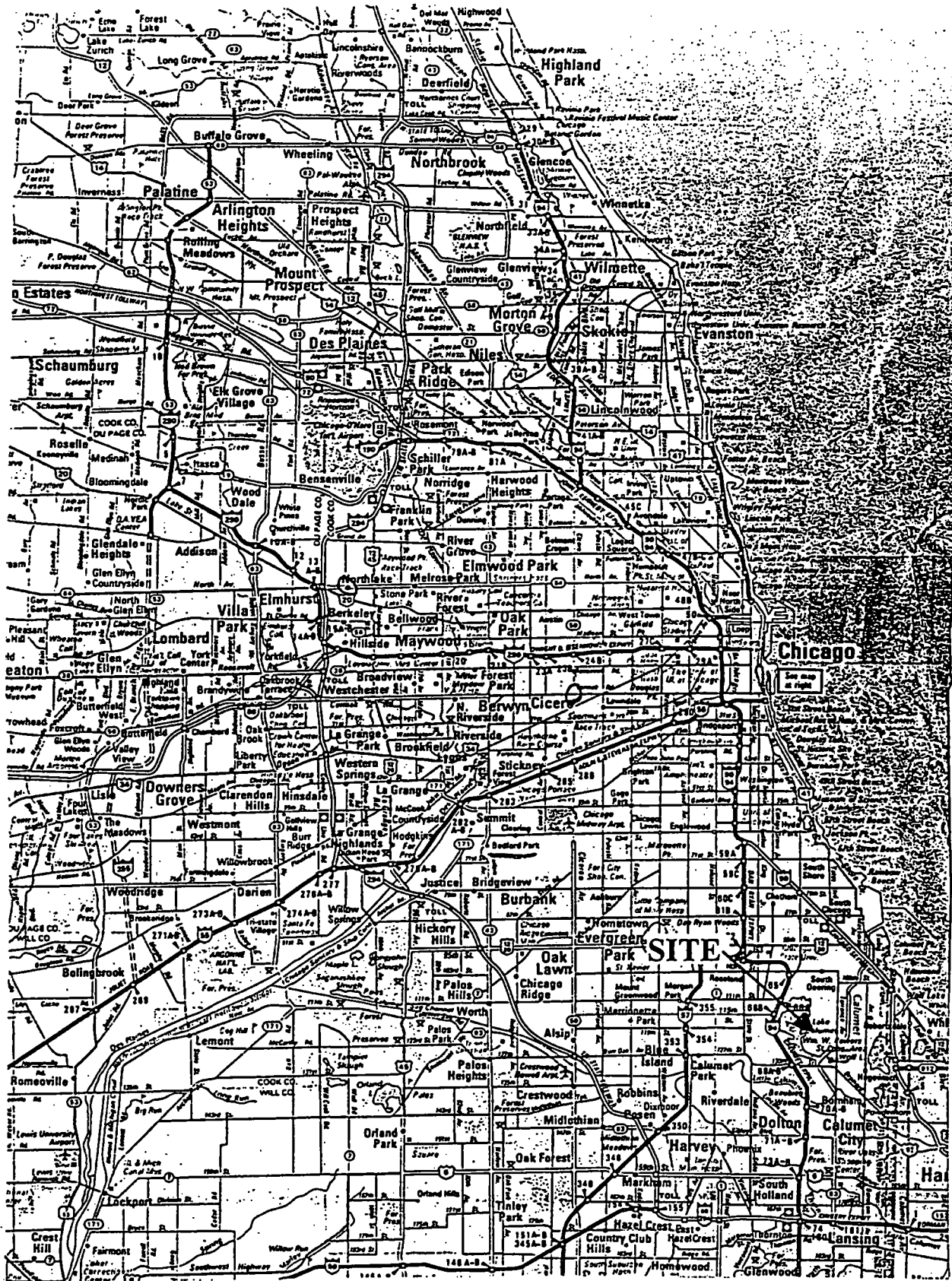
The TSC Soil Data Sheets for each of the three borings can be found in Appendix C of this report.

Fecal coliform was found in S-01, SW-02, and SW02X. These analytical results can be found in Appendix D of this report.

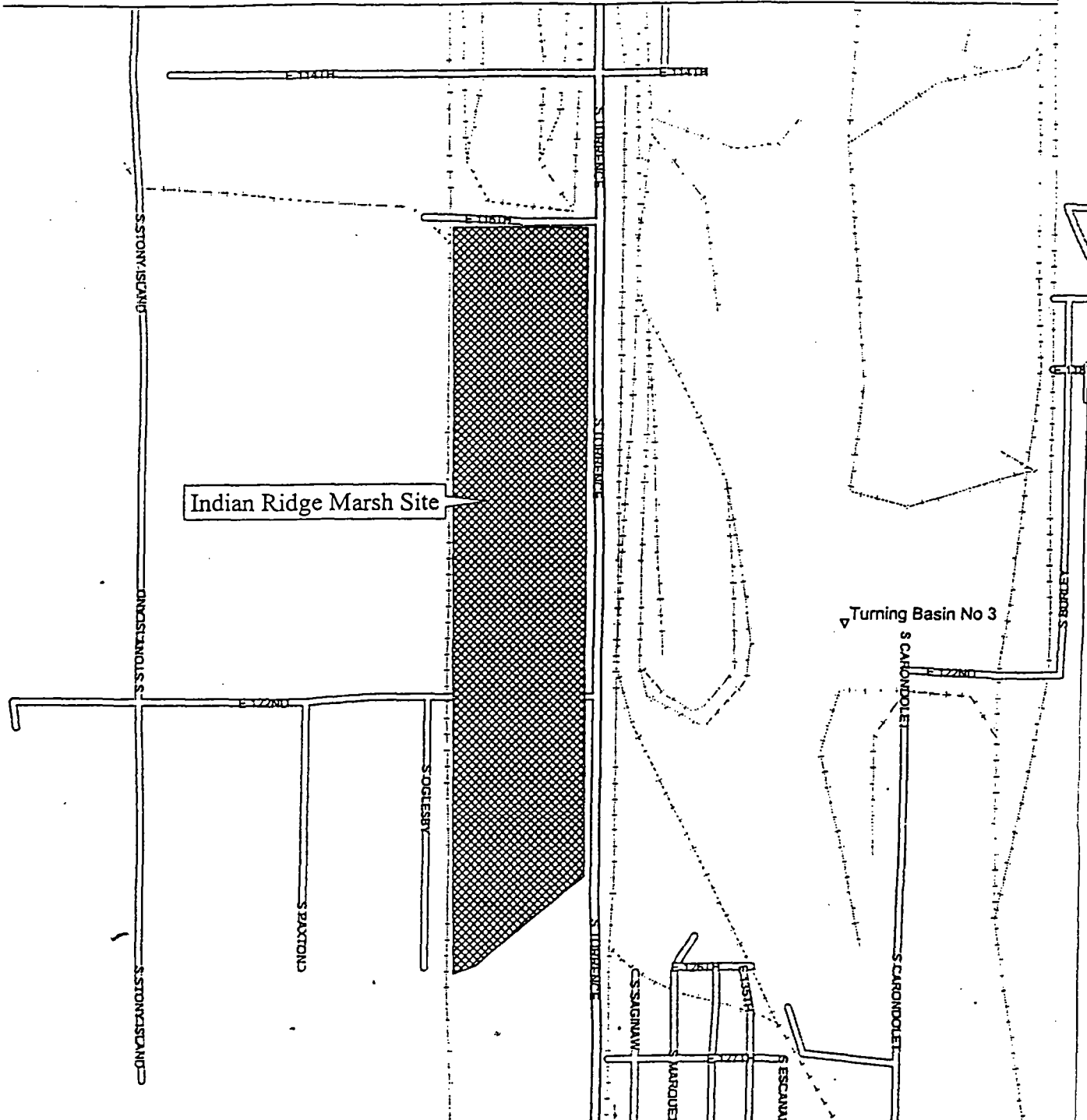
5.0 CONCLUSIONS

Based on the investigation, Earth Tech concludes that chemicals detected at the Indian Ridge Marsh do not meet IEPA residential remediation objectives. Additionally, some of the metals detected do not fall within typical background concentrations for Metropolitan Statistical Areas according to A Summary of Selected Background Conditions for Inorganics in Soil. Chemicals that exceeded the cleanup criteria at least once were: benzo[a]pyrene, dibenzo[a,h]anthracene, benzo[a]anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, carbazole, dieldrin, ideno[1,2,3-cd]pyrene, antimony, arsenic, beryllium, cadmium, chromium, iron, lead, manganese, nickel, and vanadium.

FIGURES



Indian Ridge Marsh Location Map



E A R T H  T E C H

A **tyco** INTERNATIONAL LTD. COMPANY

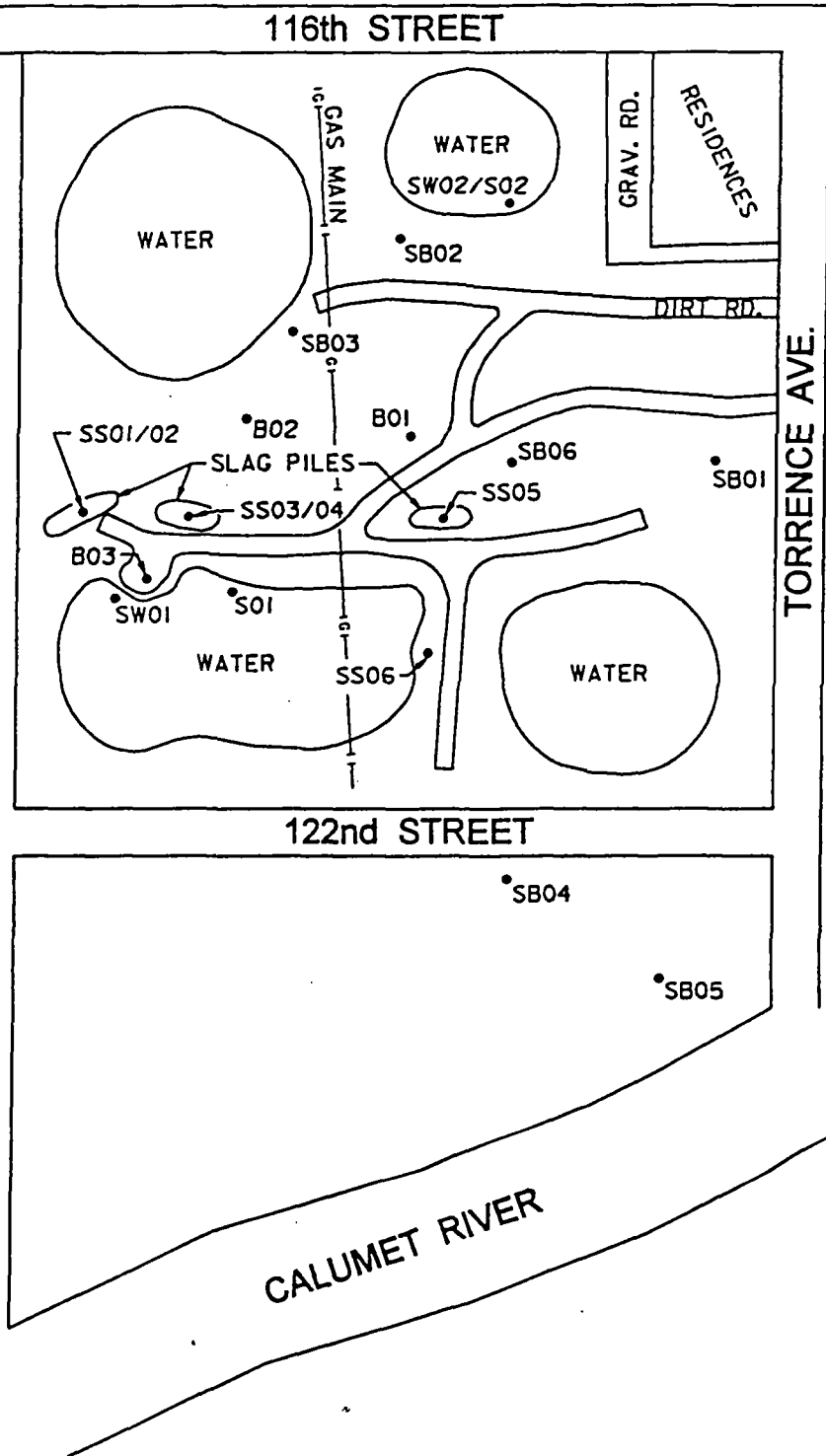
FIGURE 2
SITE LOCATION MAP
USACE - INDIAN RIDGE MARSH

SEP. 1999

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NORFOLK & WESTERN R.R.



TABLES

Evaluation of IRM Results – September 1999 Phase II Environmental Site Assessment
Prepared by DOE – October 20, 2000

Sample	SS01/02	SS03/04	SS05	SS05F	SS06	SB01	SB02	SB03	SB04	SB05	SB06	SB06F	B01	B02	S01	S02
Interval	0-1'	0-1'	0-1'	0-1'	0-1'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	Deep	Deep	Sdmnt	Sdmnt
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dieldrin											0.0067	0.0062				
Benzo(a)anthracene							25			8.8						
Benzo(a)pyrene	0.19	0.31			0.37	0.16	22	0.24	0.12	8.4	0.11	0.11		0.21		
Benzo(b)fluoranthene							25			9.3						
Benzo(k)fluoranthene							9									
Carbazole							4.4									
Dibenzo(a,h)anthracene					0.095											
Indeno(1,2,3-cd)pyrene							11			4.7						
Arsenic	19.1		33.4	25.1	4.2	8.5	5.6	13.4	9	17.1	7.1	6.9	35.7	8.2	27.8	11.3
Beryllium						0.62		0.66		1	0.75	0.71			2.5	0.78
Chromium	4740	2390	338													
Lead													968		887	
Manganese	7460	14300														

Standard	TACO Tier I		USX (IEPA Approved)			IRM Max	Comment
	Rsdntl.	Cnstrcn.	Rsdntl.	Rec.	Cnstrcn.		
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Dieldrin	0.04	7.8				0.0067	Okay
Benzo(a)anthracene	0.9	170	18.5	62.4	80.5	25	Okay
Benzo(a)pyrene	0.09	17	2.38	8	8.46	22	May require management.
Benzo(b)fluoranthene	0.9	170	20.7	69.5	82.1	25	Okay
Benzo(k)fluoranthene	9	1700				9	Okay
Carbazole	32	6200				4.4	Okay
Dibenzo(a,h)anthracene	0.09	17	13.4	4.51	7.7	0.095	Okay
Indeno(1,2,3-cd)pyrene	0.9	170	17.3	58.1	80	4.7	Okay
Arsenic	0.4	61				35.7	Okay
Beryllium	0.1	29	1.1	3.7	22.4	2.5	Okay
Chromium	270	4100				4740	Probably chrome(3), standard = 78,000, okay
Lead	400	400	932	3790	3750	968	Okay
Manganese	3700	9600	75000	253000	443000	14300	Okay

Analyte	Residential Property Remediation Objective*	Surficial Soil Sample Results (mg/kg)				
		IRM-SS01/02(0-1 ft.)	IRM-SS03/04(0-1 ft.)	IRM-SS05(0-1 ft.)	IRM-SS05F(0-1 ft.)	IRM-SS06(0-1 ft.)
Benzo[a]pyrene	0.09 mg/kg (Ing.)	0.19 ^J	0.31 ^J	ND	ND	0.37
Dibenzo[a,h]anthracene	0.09 mg/kg (Ing.)	ND	ND	ND	ND	0.095 ^J
Arsenic	0.4 mg/kg (Ing.)	19.1	ND	33.4 (Back)	25.1 (Back)	4.2
Chromium	270 mg/kg (Inh.)	4740 (Ing., Back)	2390 (Ing., Back)	338 (Back)	ND	ND
Manganese	3700 mg/kg (Ing.)	7460 (Back)	14300 (Back)	ND	ND	ND

* Corresponding lowest remediation objective from Tiered Approach to Corrective Action Objectives (TACO): 35 ILL. ADM. Code Part 742
 Class I - Class I Soil Component of the Groundwater Ingestion Exposure Route Remediation Objective
 Ing. - Ingestion Exposure Route Remediation Objective
 Inh. - Inhalation Exposure Route Remediation Objective
 ND - Not detected by laboratory analysis or detected lower than corresponding Remediation Objective

Analyte	Residential Property Remediation Objective*	Shallow Boring Soil Sample Results (mg/kg)						
		IRM-SB0102(0-2 ft.)	IRM-SB0202(0-2 ft.)	IRM-SB0302(0-2 ft.)	IRM-SB0402(0-2 ft.)	IRM-SB0502(0-2 ft.)	IRM-SB0602(0-2 ft.)	IRM-SB0602F(0-2 ft.)
Dieldrin	0.004 mg/kg (Class I)	ND	ND	ND	ND	ND	0.0067	0.0062
Benzo[a]anthracene	0.9 mg/kg (Ing.)	ND	25(Class I, II)	ND	ND	8.8(Class I, II) ND	ND	ND
Benzo[a]pyrene	0.09 mg/kg (Ing.)	0.16 ^J	22(Class I)	0.24 ND	0.12 ND	8.4(Class I) ND	0.11 ^J	0.11 ^J
Benzo[b]fluoranthene	0.9 mg/kg (Ing.)	ND	25(Class I, II)	ND	ND	9.3(Class I) ND	ND	ND
Benzo[k]fluoranthene	9 mg/kg (Ing.)	ND	9	ND	ND	ND	ND	ND
Carbazole	0.6 mg/kg (Class I)	ND	4.4(Class I, II) ^J	ND	ND	ND	ND	ND
Ideno[1,2,3-cd]pyrene	0.9 mg/kg (Ing.)	ND	11	ND	ND	4.7 ND	ND	ND
Arsenic**	0.4 mg/kg (Ing.)	8.5	5.6	13.4	9	17.1	7.1	6.9
Beryllium**	0.1 mg/kg (Ing.)	0.62	ND	0.66	ND	1	0.75	0.71

* Corresponding lowest remediation objective from Tiered Approach to Corrective Action Objectives (TACO): 35 ILL. ADM. Code Part 742
 Class I - Class I Soil Component of the Groundwater Ingestion Exposure Route Remediation Objective
 Ing. - Ingestion Exposure Route Remediation Objective
 **Within typical background concentrations for Metropolitan Statistical Areas according to A Summary of Selected Background Conditions for Inorganics in Soil (Illinois Environmental Protection Agency: August, 1994)
 J - Value is less than the reporting limits but greater than zero
 D - Indicates that the compound was found in an analysis at a secondary dilution factor
 ND - Not detected by laboratory analysis or detected lower than corresponding Remediation Objective

Analyte	Residential Property Remediation Objective*	Deep Boring Soil Sample Results (mg/kg)	
		IRM-B0106	IRM-B0204
Benzo[a]pyrene	0.09 mg/kg (Ing.)	ND	0.21 ^J
Arsenic	0.4 mg/kg (Ing.)	35.7(back)	8.2**
Lead	400 mg/kg (Ing.)	968(back)	ND
* Corresponding lowest remediation objective from Tiered Approach to Corrective Action Objectives (TACO): 35 ILL. ADM. Code Part 742 Ing. - Ingestion Exposure Route Remediation Objective **Within typical background concentrations for Metropolitan Statistical Areas according to A Summary of Selected Background Conditions for Inorganics in Soil (Illinois Environmental Protection Agency: August, 1994) J - Value is less than the reporting limits but greater than zero ND - Not detected by laboratory analysis or detected lower than corresponding Remediation Objective			

Analyte	Residential Property Remediation Objective*	Sediment Sample Results (mg/kg)	
		IRM-S01	IRM-S02
Arsenic	0.4 mg/kg (Ing.)	27.8 (Back)	11.3**
Beryllium	0.1 mg/kg (Ing.)	2.5**	0.78**
Lead	400 mg/kg (Ing.)	887 (Back)	ND
* Corresponding lowest remediation objective from Tiered Approach to Corrective Action Objectives (TACO): 35 ILL. ADM. Code Part 742 Ing. - Ingestion Exposure Route Remediation Objective **Within typical background concentrations for Metropolitan Statistical Areas according to A Summary of Selected Background Conditions for Inorganics in Soil (Illinois Environmental Protection Agency: August, 1994) ND - Not detected by laboratory analysis or detected lower than corresponding Remediation Objective			

Analyte	Remediation Objective* (mg/L)	Surface Water Sample Results
		IRM-SW02 (mg/L)
Arsenic	0.05 (Class I)	0.0656
Cadmium	0.005 (Class I)	0.0156
Chromium	0.1 (Class I)	0.169
Iron	5.0 (Class I, II)	110
Manganese	0.15 (Class I)	4.03
Nickel	0.1 (Class I)	0.13
Lead	0.0075 (Class I), 0.1 (Class II)	1.6
Antimony	0.006 (Class I)	0.0097
Vanadium	0.049 (Class I)	0.117
* Corresponding lowest remediation objective from Tiered Approach to Corrective Action Objectives (TACO): 35 ILL. ADM. Code Part 742 (Class I, II) - Class I and/or Class II Groundwater Component of the Groundwater Ingestion Exposure Route Remediation Objective		

Indian Ridge Marsh Phase II ESA

summary

SURFACE & SHALLOW SOIL

benzo(a)pyrene	exceeds residential and ind/commercial stds one area exceeds construction worker stds (17 mg/kg)	(range from 0.16 to 22 mg/kg)
dibenzo(a,h)anthracene	exceeds residential and ind/commercial stds does not exceed construction worker stds	
arsenic	exceeds residential and ind/commercial stds exceeds background for metropolitan areas does not exceed construction worker stds (61 mg/kg)	(range from 5.6 to 33.4 mg/kg)
chromium	exceeds residential and ind/commercial stds exceeds background for metropolitan areas does not exceed construction worker stds	
manganese	exceeds residential stds exceeds background for metropolitan areas exceeds construction worker stds (8,700 mg/kg) does not exceed ind/commercial stds	(14,300 mg/kg)
benzo(a)anthracene	exceeds residential stds slightly exceeds ind/commercial stds does not exceed construction worker stds	
benzo(b)fluoranthene	exceeds residential stds slightly exceeds ind/commercial stds does not exceed construction worker stds	
ideno(1,2,3-cd)pyrene	exceeds residential stds slightly exceeds ind/commercial stds does not exceed construction worker stds	
beryllium	exceeds residential stds does not exceed ind/commercial stds within background for metropolitan areas does not exceed construction worker stds	

DEEP SOIL

benzo(a)pyrene	exceeds residential and ind/commercial stds does not exceed construction worker stds	
arsenic	exceeds residential and ind/commercial stds exceeds background for metropolitan areas does not exceed construction worker stds	(35.7 mg/kg)
lead	exceeds residential and ind/commercial stds exceeds background for metropolitan areas exceeds construction worker stds	(968 mg/kg)

SEDIMENT

arsenic	exceeds residential and ind/commercial stds exceeds background for metropolitan areas does not exceed construction worker stds	(27.8 mg/kg)
beryllium	exceeds residential and ind/commercial stds within background for metropolitan areas does not exceed construction worker stds	(range from 0.78 to 2.5 mg/kg)
lead	exceeds residential and ind/commercial stds exceeds background for metropolitan areas exceeds construction worker stds	(887 mg/kg)

WATER

iron, lead and vanadium exceed class II groundwater objectives

**ASTM STANDARD E1527-97
PHASE I ENVIRONMENTAL SITE ASSESSMENT**

Performed For
CORLANDS

On The Property Commonly Known As
Indian Ridge Marsh
122nd Street and Torrence Avenue
Chicago, Illinois

August 12, 1999



Mostardi Platt

Mostardi-Platt Associates, Inc.
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MOSTARDI PLATT PROJECT 92340

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122nd Street and Torrence Avenue
Chicago, Illinois
August 12, 1999**

1.0 EXECUTIVE SUMMARY

CorLands (Client) retained MOSTARDI-PLATT ASSOCIATES, INC. (Mostardi Platt) to perform a Phase I Environmental Site Assessment of the real property commonly known as Indian Ridge Marsh located near 122nd Street and Torrence Avenue in Chicago, Illinois (the Property). This Phase I Environmental Site Assessment was conducted to meet the required elements of the American Society of Testing and Materials (ASTM) Standard E1527-97 entitled, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and the minimum requirements of Section 22.2(j)(6)(E)(v) of the Illinois Environmental Protection Act, otherwise known as 415 ILCS 5/22.2. A glossary containing terms and definitions in the ASTM Standard E1527-97 is included in Appendix A.

This Phase I Environmental Site Assessment consists of the following:

- Reviews of current and historical topographic maps, historical aerial photographs, and Sanborn™ Fire Insurance Maps (Sanborn™ Maps), if available, to investigate past property conditions back to 1940 or the first developed use of the Property, whichever is earlier;
- An inspection by a trained professional to investigate the current use of the property and identify the presence of hazardous substances, wastes, underground storage tanks, or other areas of environmental concern;

- A review of reasonably available building and department of environment records for permits, citations, and reports connected to the Property;
- An inspection of adjoining properties from reasonably available public viewpoints to identify the current use of these properties; and
- A review of specific government lists pursuant to ASTM Standard E 1527-97 regarding environmental activities for the property and local area properties.

The Property includes of two parcels of land, separated by 122nd Street, known as Indian Ridge Marsh North (north section) and Indian Ridge Marsh South (south section), together known as the Property. The Property consists of approximately 140 acres of unimproved land with the exception of a natural-gas utility building (in the central section), and sewer utility and bridge operator structures (near the southeast corner). Sections in the northeast and northwest areas of the Property are improved with residential parcels; however, these parcels are not included in the Property as referenced in this report.

Mostardi Platt reviewed historical aerial photographs and a list of historical solid waste disposal sites (SWDS) and found that the Property was apparently in use as one or more SWDS from at least 1949 until after 1975. According to historical aerial photographs from 1980 to the present, it appears that the Property has been covered with vegetation and ponded areas.

The majority of the Property is covered with grasses, weeds, bushes, trees, swamp and marsh areas, and ponded water. Due to the presence of overgrown vegetation, swamp and marsh areas, and ponded water, Mostardi Platt was unable to fully inspect the surface of the Property. Mostardi Platt did not inspect the residential properties located in the northeast and northwest areas of the Property. In addition, Mostardi Platt did not perform an examination of title records or a review of township assessor records during the course of this *Phase I Environmental Assessment*. Due to a lack of reasonably ascertainable information, Mostardi-Platt was unable to determine the use of the Property prior to 1949. Finally, Mostardi Platt was not accompanied by a Key Site Manger during the inspection of the Property.

ASTM defines a Recognized Environmental Condition as the presence or likely presence of any hazardous substances or petroleum products under conditions, that would indicate an existing release, a past release, or a material threat of a release of such substances into structures on the Property or into the ground, groundwater, or surface water of the Property.

Based upon the investigations, Mostardi Platt identified no Recognized Environmental Conditions with respect to the Property except for the following:

- The apparent historical use of the Property as one or more listed solid waste disposal sites;
- The presence of randomly dumped piles of slag and other unidentified materials on the Property;
- The presence of elevated levels of arsenic, chromium, lead, manganese, benzo(a)anthracene, and chrysene in the sediment and surface water at the Property;
- The historical and current use of the adjoining properties as one or more solid waste disposal sites;
- The historical and current presence of an industrial facility on the northern adjoining property with outside storage of slag and coke materials;

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to identify and report, to the extent feasible, Recognized Environmental Conditions at the Property. Mostardi Platt prepared this Phase I Environmental Site Assessment in accordance with the ASTM E1527-97 Standard Practice for Environmental Site Assessments and 415 ILCS 5/22.2 regulations. Performing a Phase I Environmental Assessment in accordance with E1527-97 and 415 ILCS may enable a user to satisfy one of the requirements to qualify for the Innocent Landowner Defense of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); by demonstrating that the user performed "all appropriate inquiry into the previous ownership and uses of the Property consistent with good commercial or customary practice," as defined in United States Code 42, Section 9601 (35) (B).

2.2 Standard of Care

Mostardi Platt conducted this Phase I Environmental Site Assessment in accordance with generally accepted practices and in a manner consistent with that level of care ordinarily exercised by members of our profession currently performing Phase I Environmental Site Assessments in the same locality and under similar conditions of time and accessibility of

improvements and information. No other representations, expressed or implied, and no warranty or guarantee is included or intended to be part of this Phase I Environmental Site Assessment or report.

Mostardi Platt formulated this report using a defined scope of services considered appropriate on the date the service was authorized in writing, unless the scope of services or the methods used were later modified, in writing, and accepted by Mostardi Platt prior to performance.

2.3 Limitation of Use

This report is confidential and has been prepared for Client. Client has indicated that Chicago's Environmental Fund may rely upon information within this report. No additional parties beyond those referenced above may use the information contained in this report without obtaining the written permission of both Mostardi Platt and Client. Mostardi Platt's duties and obligations extend to Client and to no other party. Mostardi Platt's duties and obligations are not transferable to any person, corporation, or organization without the express written consent of both Client and Mostardi Platt.

This report must be read and interpreted as a whole. Individual sections and appendices of this report are dependent on the balance of this report, and on the terms, conditions, and stipulations contained in the proposal, the report, and any written amendments accepted by Mostardi Platt.

2.4 Limiting Conditions and Exceptions of Assessment

This report is based in part on information obtained from commercial data sources and an interview with a representative of the buyers of the Property. Mostardi Platt assumes this information to be accurate. Mostardi Platt's findings are based on our observations, inquiries, and historical research. We identify Recognized Environmental Conditions using reasonably ascertainable information. Mostardi Platt does not represent that this Phase I Environmental Site Assessment reflects findings of all the information available for the Property, nor is it representative of future Property conditions. Activities or episodes that transpire subsequent to this Phase I Environmental Site Assessment are not considered in this investigation.

Mostardi Platt observed the surface of the Property for indications of Recognized Environmental Conditions. However, a subsurface examination designed to collect soil and groundwater samples and to analyze for the presence of hazardous substances, petroleum, or chemicals or their constituents, is beyond the scope of this Phase I Environmental Site Assessment.

The majority of the Property is covered with grasses, weeds, bushes, trees, swamp and marsh areas, and ponded water. Due to the presence of overgrown vegetation, swamp and marsh areas, and ponded water, Mostardi Platt was unable to fully inspect the surface of the Property. Mostardi Platt did not inspect the residential properties located in the northeast and northwest areas of the Property. In addition, Mostardi Platt did not perform an examination of title records or a review of township assessor records during the course of this Phase I Environmental Assessment. Due to a lack of reasonably ascertainable information, Mostardi-Platt was unable to determine the use of the Property prior to 1949. Finally, Mostardi Platt was not accompanied by a Key Site Manger during the inspection of the Property.

2.5 Authorization

Mostardi Platt initiated this Phase I Environmental Site Assessment pursuant to written authorization received from Thomas E. Hahn, Executive Director of CorLands, on June 29, 1999. Mostardi Platt performed this Phase I Environmental Site Assessment subject to the terms and conditions of Mostardi Platt Proposal 015181 Rev. 1, dated June 9, 1999. Mostardi Platt Proposal 015181 Rev. 1 contains the scope of services, a cost estimate, and general terms and conditions governing this Phase I Environmental Site Assessment. A copy of Mostardi Platt's Proposal for this Phase I Environmental Site Assessment is included in Appendix B.

3.0 SITE DESCRIPTION

3.1 Property Location

The Property generally lies north of the Calumet River, east of the Norfolk and Western Railway, south of 116th Street, and west of Torrence Avenue near 122nd Street and Torrence Avenue in Chicago, Cook County, Illinois. Maps showing the location of the Property are included in Appendix C.

3.2 Site and Vicinity Characteristics

Based on a vicinity map provided by Client, the Property has a street frontage on the east side of approximately 5,500 feet along Torrence Avenue and on the north side of approximately 1,250 feet along 116th Avenue. The Property contains a total area of approximately 140 acres. A copy of a Site Location Diagram showing the configuration of the Property is included in Appendix D.

The Property is located in a mixed-use area of Chicago, Illinois that includes industrial facilities, landfilling operations, and a limited number of residential parcels. Mostardi Platt observed adjoining properties for current uses or conditions that may create

Recognized Environmental Conditions on the Property. Mostardi Platt observed slag piles and fill materials located on the northern adjoining property and apparent landfilling operations on the western adjoining property. Mostardi Platt identifies the presence of an industrial facility on the northern adjoining property and two apparent landfill operations on the western adjoining property as Recognized Environmental Conditions with respect to the Property.

In addition, the residential properties located at the northeast and northwest corners of the Property appear to be on septic systems for sanitary wastewater disposal. Due to the predominantly silty nature of shallow subsurface soils in the area, the sanitary wastes may be ultimately discharging into the wetland areas of the Property.

3.3 Surface Description and Improvements

The Property is unimproved with the exception of a natural-gas utility building (in the central section), and sewer utility and bridge operator structures (near the southeast corner). Natural gas pipeline markers are located across the center of the Property, along 122nd Street. The remainder of the Property is covered with grasses, weeds, bushes, trees, swamp and marsh areas, and ponded water. A dirt access road extends onto the northern section of the Property from Torrence Avenue and forms a circular pattern near the center of the section. At least five separate areas of ponded water were present in the northern section of the Property, along with various piles of soil, wood, construction debris, tires, and general refuse. The majority of the southern section of the Property is covered by ponded water and a large marsh area that includes heavy vegetation ranging in height from eight to twelve feet.

Access to the Property is via 116th Street and 122nd Street which run in east-west directions to the north and in the center of the Property, respectively. Access can also be gained from Torrence Avenue which runs in a north-south direction to the east of the Property. It does not appear that the Property area is serviced by municipal water or sewer services. Mostardi Platt did not observe any evidence of septic systems on the Property; however, the residences along Torrence Avenue and 116th Street appear to utilize individual septic systems for sanitary wastewater disposal. Due to the expected silt material nature of subsurface soils in the area, the sanitary wastes may be ultimately discharging into the wetland areas of the Property.

Mostardi Platt photographed selected sites, operations, and improvements located at or near the Property to support this written report. The photographs are included in Appendix E of this report.

3.4 Current and Historical Property Use

The Property is currently unimproved with the exception of utility company structures in the central and southeastern areas. Mostardi Platt reviewed historical aerial photographs and a list of historical solid waste disposal sites (SWDS) prepared by the Northeastern Illinois Planning Commission (NIPC) and found that the Property was apparently in use as one or more SWDS from at least 1949 until after 1975. According to historical aerial photographs from 1980 to the present, it appears that the Property has been covered with vegetation and ponded areas. Due to the lack of reasonably ascertainable information, Mostardi-Platt was unable to determine the use of the Property prior to 1949. Mostardi Platt identifies the historical use of the Property as apparent SWDS as a Recognized Environmental Condition.

3.5 Current and Historical Use of Adjoining Properties

The adjoining properties consist of a heavy industrial property, railway right-of-ways, a riverbed, and landfill operations. The following is a listing of the current adjoining properties including the facility name, address, operation, and direction from the Property.

ADJOINING PROPERTIES			
Facility Name	Address	Operation	Direction from the Property
Acme Steel Company Chicago Coke Plant	Not posted	Heavy Industrial	North
Unimproved Land & Railway	Not Applicable	Not Applicable	East
Calumet River	Not Applicable	Not Applicable	South
Not posted	Not posted	Landfilling	West
Water Reclamation Dist. Sludge Drying Facility	Not posted	Sludge drying beds	West

Mostardi Platt reviewed historical aerial photographs and a list of historical SWDS and found that the northern adjoining property has been improved with a heavy industrial facility since at least 1949 and the western adjoining property has been in use with apparent landfill operations since at least 1949. Mostardi Platt has identified these historical uses of the northern and western adjoining properties as Recognized Environmental Conditions with respect to the Property.

4.0 RECORDS REVIEW

Mostardi Platt obtained and reviewed published, reasonably ascertainable information concerning the physical setting and environmental status of the Property. Mostardi Platt obtained that information from the following sources:

- Records on file at the City of Chicago Department of Environment
- Commercial enterprises that compile federal, state, and local environmental regulatory agency lists
- A topographic map prepared by the United States Geological Survey (USGS)
- Aerial photographs from Chicago Aerial Photo Services (CAPS) and (NIPC)
- Maps and publications prepared by the Illinois State Geological Survey (ISGS)
- NIPC list of solid waste disposal sites

Summaries of our reviews are contained in the following sections.

4.1 Topography and Regional Subsurface Geology

The Property is relatively flat with a maximum elevation difference estimated to be less than ten feet across the surface of the Property. Mostardi Platt saw no grade changes to the Property as judged relative to the topography of adjoining properties and Mostardi Platt's examination of a topographic map. The topographic map prepared by the USGS (Lake Calumet, Illinois-Indiana Quadrangle, 1965, photorevised 1973 and photoinspected 1977) indicates that the Property is approximately 585 feet above mean sea level. Based on a review of the topographic map, regional surface water flow in the area of the Property, as characterized by the Calumet River, appears to be in a northeasterly direction. A copy of the USGS topographic map is included in Appendix F.

Mostardi Platt reviewed the ISGS publication and maps entitled *Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of Fifteen Meters* and *Potential for Contamination of Shallow Aquifers in Illinois*. The *Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of Fifteen Meters* publication shows the distribution of geologic material vertically in order of occurrence to a specified depth and horizontally over a specified area. The *Potential for Contamination of Shallow Aquifers in Illinois* publication combines hydrogeologic properties and vertical position of geologic materials to rate the potential for contamination of shallow aquifers¹. The rating ranges from A to G

¹ "Aquifer" (as used in this report) means a water-bearing subsurface zone that is porous and permeable enough to produce a volume of water sufficient to sustain industrial, agricultural, or residential uses.

with A representing the highest potential and E, F, and G representing the lowest potentials for shallow aquifer impacts.

According to the ISGS publication, *Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of Fifteen Meters*, soil in the area of the Property consists of silty soil of the Carmi Member of the Equality Formation overlying clayey and silty tills² of the Wadsworth Member of the Wedron Formation. The Carmi Member is generally described as “largely quiet water lake sediments; dominantly well bedded silt, locally laminated and containing beds of thin clay.” The Wadsworth Member is described as uniform, relatively impermeable, till. The Carmi Member is estimated to be less than 20 feet thick and the Wadsworth Member is estimated to be greater than 20 feet thick.

In addition, the characteristics of soil in the area of the Property would be expected to exhibit hydraulic conductivities³ between 1×10^{-9} and 1×10^{-7} centimeters per second (cm/s) for clayey soils and 1×10^{-5} and 1×10^{-3} cm/s for the sandy and silty soil. Hydraulic conductivities in those ranges suggest that compound migration would be impeded by native clay soil but not the sandy and silty soil beneath the surface of the Property.

According to the ISGS publication, *Potential for Contamination of Shallow Aquifers in Illinois*, the potential for contamination of shallow aquifers in the area of the Property is rated E. This rating means the potential for groundwater contamination from surface spillage of chemical or petroleum or other potentially hazardous compounds is low because there is either uniform, relatively impermeable silty or clayey till or other fine-grained materials more than 50 feet thick, and no sand and gravel identified.

4.2 Federal, State, and Local Databases and Information Review

Mostardi Platt has access to various federal, state, and commercial information services that provide information on compliance with environmental law and investigations of reported violations of environmental law. Mostardi Platt obtained certain state and federal environmental database information from Environmental Data Resources, Inc. (EDR). EDR is a commercial provider of state and federal environmental database information. Mostardi Platt’s review of the EDR-Radius Map™ Report (EDR Report) disclosed the information summarized in the following subsections.

² “Till” means those unconsolidated materials deposited directly from a glacier without reworking by water (e.g., rivers or streams).

³ “Hydraulic conductivity” is a measure of the ability of soil or rock to conduct the flow of water. Hydraulic conductivity is usually stated in centimeters per second (cm/s), which is, in essence, velocity. For example, low hydraulic conductivity values would be 1×10^{-9} to 1×10^{-6} cm/s (clay), while high hydraulic conductivity would be 1×10^{-4} cm/s, or greater, (sand or gravel).

Due to the size of the Property, the ASTM radii has been expanded by one mile for this report. Mostardi Platt reviewed EDR's summary of the following environmental databases for the ASTM radii increased by one mile:

- National Priority List (NPL)—2.0 miles
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)—1.5 miles
- Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and/or Disposal (TSD) Facility List—1.5 miles
- RCRA Corrective Action TSD Facility List—2.0 miles
- RCRA Small- and Large-Quantity Hazardous Waste Generators List—1.25 miles
- Registered Underground Storage Tanks (UST)—1.25 miles
- Leaking Underground Storage Tank (LUST) Incident Reports—1.5 miles
- Emergency Response Notification System (ERNS)—Property
- Illinois Permitted Solid Waste/Inventory Facilities (SWF)—1.5 miles
- Northeastern Illinois Planning Commission (Illinois Planning Commission)—1.5 miles

4.2.1 Summary of EDR Findings

The following is a summary of EDR's findings of the aforementioned environmental databases. The information in the following sections is exactly as reported by EDR. A copy of the EDR Report is included in Appendix G.

EDR-RADIUS MAP™ REPORT MAP FINDINGS SUMMARY							
Database	Radius (MI)	Property	<1/8	1/8-1/4	1/4-1/2	1/2-1	>1
NPL	2.00	0	0	0	0	0	0
RCRA TSD	1.5	0	0	0	0	2	3
SHWS	2.00	0	0	0	0	0	0
CERCLIS	1.50	0	0	1	4	3	1
RCRA CORRACTS	2.00	0	0	0	1	1	4
SWF	1.50	0	0	0	1	0	1
LUST	1.50	0	0	1	0	4	5
UST	1.25	0	0	1	2	10	9

EDR-RADIUS MAP™ REPORT MAP FINDINGS SUMMARY							
Database	Radius (MI)	Property	<1/8	1/8-1/4	1/4-1/2	1/2-1	>1
RCRA Small-Quantity Generator	1.25	0	0	1	4	13	5
RCRA Large-Quantity Generator	1.25	0	0	0	1	7	2
ERNS	TP**	0	NR	NR	NR	NR	NR
Ill. Planning Comm.	1.50	0	0	2	4	1	1

* NR—Not Requested at this search distance

** TP—Target Property

4.2.2 Summary of Environmental Database Concerns

The EDR-Radius Map™ Report listed numerous sites on the various databases searched within the requested radii. The following table summarizes facilities identified by EDR within one-half mile that may be of environmental concern with respect to the Property. It should be noted that these sites and facilities are plotted by physical address and may extend beyond the location shown on the Overview and Detail Maps included in the EDR Report.

Reported Facilities Within ½ Mile of the Property			
Database	Facility Name	Facility Address	Distance and Direction from Property
Ill. Planning Comm.	Unnamed	120 th West of Torrence Avenue Chicago, Illinois	662 feet East Possible Property
Ill. Planning Comm.	Unnamed	119 th West of Torrence Avenue Chicago, Illinois	923 feet Northeast Possible Property
CERCLIS CAT	US Drum II	2400 East 119 th Street Chicago, Illinois	970 feet Northeast
CERCLIS CORRACTS	American Incineration	2200 East 119 th Street Chicago, Illinois	1,529 feet West/Northwest
CERCLIS	MSD #4 Sludge & Barrel Dump	South of 122 nd & West of Torrence Avenue Chicago, Illinois	1,553 feet South/Southeast

Reported Facilities Within ½ Mile of the Property			
Database	Facility Name	Facility Address	Distance and Direction from Property
Ill. Planning Comm.	Paxton Landfill Company	Not listed Chicago, Illinois	1,623 feet South/Southwest
Ill. Planning Comm.	Unnamed	118 th West of Torrence Avenue Chicago, Illinois	1,630 feet North/Northeast
CERCLIS	Paxton Landfill Corporation	12201 South Oglesby Chicago, Illinois	1,633 feet South/Southwest
Ill. Planning Comm.	Paxton Landfill Company #2	Not listed Chicago, Illinois	1,635 feet South/Southwest
Ill. Planning Comm.	Unnamed	123 rd West of Torrence Avenue Chicago, Illinois	2,108 feet South/Southeast
CERCLIS	Harbor View	2000 East 122 nd Street Chicago, Illinois	2,391 feet Southwest
SWF/LF	Land and Lakes – Dolton	Not listed Cook County, Illinois	2,391 feet Southwest
CERCLIS	Interlake Inc. Chicago Landfill	116 th & Torrence Avenue Chicago, Illinois	2,839 feet North/Northeast

These sites and facilities are listed with a variety of inspection, evaluation, and compliance issues. The information in the EDR Report does not provide specific data regarding materials used, generated, or disposed of at these locations. Further investigation into these issues would be required in order to assess any impact from these locations to the Property.

4.3 Historical Records, Photographs, and Maps Review

Mostardi Platt gathered information from city records, government agencies, and commercial enterprises regarding historical use of the Property. The following sections summarize Mostardi Platt's review of these historical records, photographs, and maps.

4.3.1 Area Solid Waste Disposal Sites (SWDS)

NIPC compiles a list of solid waste disposal sites titled the *Historical Inventory of SWDS in Northeastern Illinois*. This list was last revised in 1989. Mostardi Platt reviewed the NIPC SWDS list in an effort to identify reported NIPC SWDS located within

approximately one-half mile of the Property. NIPC listed the following reported SWDS within approximately one-half mile of the Property. Facilities on the NIPC list are not specifically located by address; therefore, the distances between these facilities and the Property are approximate.

NIPC SWDS			
NIPC Map No.	Facility Name	Location	Approximate Distance and Direction
576	118th West of Torrence Avenue	Township 37 North, Range 14 East Southeast Quarter of Section 24	Possible Property
575	119th West of Torrence Avenue	Township 37 North, Range 14 East Southeast Quarter of Section 24	Possible Property
574	120th West of Torrence Avenue	Township 37 North, Range 14 East Southeast Quarter of Section 24	Possible Property
572	123rd West of Torrence Avenue	Township 37 North, Range 14 East Southeast Quarter of Section 24	Possible Property
155	Chgo Metro Sanitary Dist. #4	Township 37 North, Range 14 East Southeast Quarter of Section 24	Possible Property/ Adjoining property
154	Paxton Landfill Company	Township 37 North, Range 14 East Southeast Quarter of Section 24	Adjoining property
573	119th West of Calumet River	Township 37 North, Range 15 East Southwest Quarter of Section 19	<0.25 mile East
159	116th Street Dump	Township 37 North, Range 14 East Northwest Northeast Quarter of Section 24	<0.25 mile Northwest
153	Paxton Landfill Company #2	Township 37 North, Range 14 East Southeast Quarter of Section 24	<0.25 mile West
156	Land and Lakes Company #3	Township 37 North, Range 14 East Southwest Quarter of Section 24	<0.25 mile East
160	LHL Landfill Company	Township 37 North, Range 14 East Southwest Northeast Quarter of Section 24	<0.25 mile North
95	Tinley Park State Hwy Dept	Township 36 North, Range 13 East Section 28	0.50 mile East
157	LHL Landfill Company	Township 37 North, Range 14 East Southwest Northeast Quarter of Section 24	0.50 mile Northwest

NIPC SWDS			
NIPC Map No.	Facility Name	Location	Approximate Distance and Direction
158	Interlake Inc. Coke Plant	Township 37 North, Range 14 East Southeast Quarter of Section 13	0.50 mile Northwest
582	112th West of Torrence Avenue	Township 37 North, Range 14 East Southeast Quarter of Section 13	0.50 mile North

Based on the information contained in the NIPC SWDS map and listing, it appears that at least four of the listed SWDS have been located on the Property. Based on this information and the aerial photograph review described in Section 4.3.5, it appears that the Property was used as a SWDS for an unknown number of years. In addition, it appears that several adjoining properties have also been used as SWDS for an unknown number of years.

Many of these listed facilities listed by NIPC were identified in the EDR Report and appear to be located in close proximity to the Property. As such, Mostardi Platt identifies the former or current existence of SWDS on the Property and on adjoining properties as Recognized Environmental Conditions with respect to the Property. Copies of the NIPC SWDS map showing the location of these sites is included in Appendix H.

4.3.2 City of Chicago Department of Environment Records Review

Mostardi Platt reviewed records from the Chicago Department of Environment (CDOE) provided by Mr. Dan Marmer of the Chicago Environmental Fund. These records include a Preliminary Environmental Site Assessment (Site Assessment) dated May 19, 1998 and other data including CDOE registered complaints, enforcements, and UST permits. The Site Assessment *Summary of Recognized Environmental Conditions* for the Property includes notations regarding "Open Dumping," "Slag Dumping," and "Adjacent Industrial Areas". The other CDOE data includes UST installation and removal permits and complaints for properties in the vicinity of the Property.

Mostardi Platt has identified the issues of open dumping, slag dumping, and adjacent industrial facilities listed in the CDOE records as Recognized Environmental Conditions for the Property. Copies of the text of the CDOE Site Assessment and records are included in Appendix I.

4.3.3 Prior Report Review

As part of this investigation, Mostardi Platt reviewed several prior studies of the Indian Ridge Marsh property or nearby parcels. The reports reviewed and a synopsis of their findings are presented below.

Lake Calumet Area Ecological Analysis as part of the City of Chicago's Economic-Ecosystem Initiative August 1998. Prepared by Roy F. Weston, Inc.

The objective of this report was to conduct an ecological analysis of three undeveloped parcels in the Lake Calumet area and to prepare a preliminary cost estimate for the ecological rehabilitation of each parcel. One of the parcels evaluated was the 105 acres of the Indian Ridge Marsh North. The Indian Ridge Marsh North parcel comprises more than half of the property being evaluated in this Phase I ESA. This parcel, and the others evaluated in this study, are remnants of the marsh complex that surrounded Lake Calumet prior to settlement.

Indian Ridge Marsh North is classified in the report as degraded wetland. However, it serves or has previously served as a nesting colony site for the Illinois state endangered black-crowned night heron (*Nycticorax nycticorax*) and as a nesting site for the Illinois state endangered great egret (*Casmerodius albus*). The state endangered yellow-headed blackbird (*Xanthocephalus xanthocephalus*) and state threatened pied-billed grebe (*Podilymbus podiceps*) and common moorhen (*Gallinula chloropus*) are also known to have nested here.

Terrestrial habitats on-site were categorized into three types: marsh, old field and tree line communities. Purple loosestrife and cattails dominated emergent vegetation in marsh areas. Cottonwood trees were common along embankments. The eastern portion of the site has been previously filled and existing vegetation was characterized as old field habitat. Old fields at the Indian Ridge Marsh North parcel were dominated by European and Asian meadow species. The cottonwoods dominant several tree lines that cross the site, especially along the marsh embankments and adjacent disturbed areas.

On-site aquatic habitats include a canal on the western border of the site and several ponds located on the southern portion of the site. Little information was provided on the nature of the species living in these surface water bodies.

The report also conducted a "Floristic Quality Assessment" (FQA) of the Indian Ridge Marsh North vegetation. The FQA is a qualitative measure of how closely a habitat resembles a historic natural area. FQA scores of 3.5 or higher indicate that an area has significant natural character. The Indian Ridge Marsh North parcel scored 2.4, with only 51% of the plant species identified on-site being native species. As a result the Indian

Ridge Marsh North parcel was considered to be a degraded habitat requiring substantial rehabilitation.

The report also proposes a rehabilitation plan for the parcel focusing on three activities. These include:

- Prairie rehabilitation across the eastern portion of the site;
- Naturalizing the marsh and pond shorelines; and
- Enhancing the pond habitat.

The report presents a cost estimate of \$1.8 million over five years to complete the rehabilitation.

Site Assessment Status Report: Results of Phase I Sampling Activities for Lake Calumet Cluster Site, Chicago, Illinois March 1999. Prepared by Ecology and Environment, Inc.

The purpose of this document is to report on the first phase of an investigation undertaken by the USEPA to assess environmental conditions at eight waste disposal sites "clustered" together on land parcels due west of the Indian Ridge Marsh. These waste disposal sites are collectively referred to as the Lake Calumet Cluster site. The waste disposal sites that comprise the cluster include the Paxton I and Paxton II landfills, the Paxton Lagoons, Auburn Incinerator, US Drum II site, Land and Lakes #3 landfill, MSD #4 landfill and an unnamed parcel.

This report presents the results of an initial phase of multimedia sampling that was conducted at the Lake Calumet Cluster site in the summer of 1998. Sampling was limited to surface soils subsurface soils, sediments, surface water, groundwater and macroinvertebrates. Of particular interest here is that eleven samples of sediment, surface water and macroinvertebrates were taken from the pond and canal that runs along the western boundary of the Indian Ridge Marsh site. The sediment and surface water samples were analyzed for a number of constituents, including, metals, volatile organic compounds, semi-volatile organic compounds, pesticides, and PCBs. Macroinvertebrate samples were evaluated for the numbers and types of specific species present. After validation these data were compared to standard USEPA human health and ecological risk screening criteria. Sediments from Indian Ridge pond revealed six chemicals of potential concern (COPC). These included arsenic, chromium, lead, manganese, benzo(a)anthracene, and chrysene.

Analyses of surface water revealed very high concentrations of barium and manganese in the Indian Ridge canal, especially at the northern end. The numbers and types

macroinvertebrates present in samples from the Indian Ridge Marsh were employed to develop a qualitative measure of water quality. The presence of numbers of species with a low tolerance for pollutants is indicative of higher water quality. Samples collected from the northern portion of the Indian Ridge pond suggest that very poor water conditions exist in these areas. Overall, the report concludes that these data indicate the presence of "moderate levels" of contamination in the Indian Ridge pond.

Based on the review of these prior reports, Mostardi Platt has identified elevated levels of arsenic, chromium, lead, manganese, benzo(a)anthracene, and chrysene in the sediment and surface water as a Recognized Environmental Condition for the Property.

4.3.4 SanbornTM Fire Insurance Map Review

SanbornTM and other companies developed maps to assist insurance companies in setting fire insurance rates. These maps frequently show the existence and location of aboveground storage tanks (ASTs) and USTs, structures, improvements, and operations on the Property at various times. EDR is a commercial enterprise that specializes in providing historical mapping services to the environmental industry. Mostardi Platt attempted to obtain site-specific, historical fire insurance maps from EDR to review as part of this Phase I Environmental Site Assessment. According to EDR, there are no SanbornTM Maps available for the Property or the adjoining properties.

4.3.5 Aerial Photograph Review

Mostardi Platt reviewed individual, historical, and aerial photographs of the Property, obtained from CAPS and NIPC. Mostardi Platt reviewed the 1949, 1958, 1963, 1970, 1975, 1980, 1986 1990, and 1995 aerial photographs in an effort to identify Recognized Environmental Conditions on the Property. Copies of the 1949, 1958, and 1963 aerial photographs are included in Appendix J.

The 1949 and 1955 aerial photographs show the majority of the Property as unimproved land; however, what appear to be several roadways in a grid pattern enter the central and southern parts of the north section of the Property. All but two of the roadways terminate in various areas of the parcel. Light and dark colored spots (possible fill piles) appear scattered on the roadways throughout the north section and along the railway located along the western Property line. Several areas of ponded water are also present and several square and rectangular structures are located in the northeast and northwest corners of the section.

The majority of the south section appears to be unimproved land. What appear to be roadways are located in the northeast corner of the south section. Several areas of apparent fill piles appear scattered on the roadways. There are also several areas where

the surface of the ground appears disturbed by sets of parallel lines that are visible in the northern and central parts of the section. In addition, three or four rectangular structures are present in the far southeast corner of the section.

The 1949 and 1955 aerial photographs show the northern adjoining property improved with various sized square, rectangular, and circular structures. Several sets of railroad tracks are located around the perimeter of the property. The eastern adjoining property is unimproved in some areas and improved with several sets of railroad tracks running along the eastern Property line. The southern adjoining property contains the Calumet River. The majority of the western adjoining property appears as unimproved land; however, sets of parallel lines on the ground surface are visible in the northern, southern, and western parts of the property. In addition, what appear to be rectangular structures are present along the northern and eastern property lines. The 1955 aerial photograph also shows additional surface scarring on the western adjoining property along with what appear to be barriers separating sections of the parcel.

The 1963 aerial photograph shows the north section of the Property with the roadways less visible and additional ponded areas throughout the section. The northwest part of the north section appears with a completely different ground surface than in the 1955 aerial photograph. The ground surface appears as one continuous type of material that abruptly changes into another type of material in the east central part of the section. Ponded areas are visible in the southern areas of the section.

The south section of the Property is relatively unchanged from the 1949 and 1955 aerial photographs, with the exception of more defined surface scarring in the central and northwest areas. In addition, two roadways that cross then terminate are located in the northeastern part of the section and are lined with apparent fill piles.

The adjoining properties appear to be relatively unchanged from the 1955 aerial photograph, with the exception of the western adjoining property that has additional areas of ponded water and what appear to be berms located throughout the west and south areas of the property.

The 1970 aerial photographs show the roadways less visible on the north and south sections of the Property. The entire Property appears with less evidence of activity and surface disturbances. Ponded areas are more distinct on both sections. The adjoining properties appear to be relatively unchanged, with the exception of the western adjoining property that appears to have additional surface disturbances and roadways present.

The 1975 thru 1995 aerial photographs show no additional improvements on the Property. The roadways noted earlier on each section are no longer visible on the 1980 aerial photograph. The subsequent aerial photographs show the vegetation on the

Property becoming denser as the years progress. The areas of ponded water on both sections of the Property also become more visible on each of the subsequent aerial photographs. The uses of the adjoining properties appear to remain consistent with the exception of the western adjoining property which continues to be sectioned off with various areas of surface disturbances.

Based on the review of historical aerial photographs, Mostardi Platt identifies the historical surface scarring, grid-patterned roadways, and apparent fill piles located across the surface of the Property as a Recognized Environmental Condition. Mostardi Platt also identifies the historical surface scarring and cut and fill activities on the western adjoining property as a Recognized Environmental Condition for the Property.

5.0 SITE RECONNAISSANCE

Mostardi Platt inspected the Property on July 1, 1999. Ms. Kimberly Peterson and Mr. Jeff Meyerhoff, Project Managers of Mostardi Platt, were unaccompanied during the inspection of the Property. Mostardi Platt's inspection was limited to reasonably accessible areas of the Property. The majority of the Property is covered with grasses, weeds, bushes, trees, swamp and marsh areas, and ponded water. Due to the presence of overgrown vegetation, swamp and marsh areas, and ponded water, Mostardi Platt was unable to fully inspect the surface of the Property.

- Unusual surface conditions
- USTs and ASTs
- Equipment suspected of containing polychlorinated biphenyls (PCBs)
- Wetlands
- Other substances, materials, or geologic environments that may have an environmental impact on the Property.

The following sections summarize our observations made during the inspection.

5.1 Property Surface Conditions

The surface of the Property is covered with grasses, weeds, bushes, trees, swamp and marsh areas, and ponded water. Copies of Site Diagrams for both sections of the Property are included in Appendix K. An area in the central part of the north section is relatively dry, and portions of a dirt access road are located in that area. Numerous piles of dumped materials including construction debris, concrete, wood, tires, general refuse, and unidentified soil materials are present throughout that area. Fly dumped materials are also present along 122nd street near the center of the Property. At least one area of dumped soil materials has no vegetation present. Mostardi Platt also observed two steel drums,

partially filled with an oily substance, apparently abandoned on the adjoining property to the north across 116th Street.

Mostardi Platt observed what appeared to be three observation/monitoring wells on the Property. One well is located behind the residential area in the northern portion of the north section of the Property; and two wells are located along the southern boundary of the north section of the Property. The residential properties in the northern part of the north section are believed to utilize septic systems for sanitary wastewater disposal.

5.2 Underground and Aboveground Storage Tanks

Mostardi Platt visually inspected the Property for surficial evidence of USTs and ASTs during the inspection. Mostardi Platt found no fillpipes, manways, vent lines, or any other physical evidence of an UST or AST on the Property. In addition, the CDOE UST permit records described in Section 4.3.2 included no references to UST permitted for installation or removal at the Property.

5.3 Polychlorinated Biphenyls (PCBs)

Mostardi Platt inspected the Property for the presence of electrical equipment, such as transformers and capacitors, that may be suspected of containing PCBs in their dielectric fluids. Mostardi Platt saw no pole-mounted or concrete pad-mounted electrical transformers or any other electrical equipment on the Property during the inspection.

5.4 Wetlands

Mostardi Platt observed ponded water, saturated soils, and hydrophytic vegetation in various areas of the Property during the inspection. At least five areas of ponded water were observed in the north section of the Property and one area of ponded water was observed in the south section. The majority of soils in the north section were saturated, with a relatively dry area located near the center of the parcel. At least one area of ponded water was observed in the south section. The remainder of the south parcel contained saturated soils and was overgrown with heavy vegetation.

According to the National Wetlands Inventory Map for the Property (Lake Calumet, Illinois-Indiana Quadrangle, May 1983), the Property appears to contain identified wetlands. Two of the identified wetland areas are shown to have been field examined. According to the *Soil Survey of DuPage and Part of Cook Counties, Illinois*, the Property appears to contain Urban Land, Selma-Oakville series soils. Urban Land and Oakville series soils are not considered hydric soils (soil that developed under wet conditions), and Selma series soil is considered a hydric soil. However, the presence of hydrophytic vegetation (vegetation typically adapted to saturated soil conditions) and hydric soil does

not necessarily indicate that the Property contains regulated wetlands. It should be noted that extensive identification and delineation of wetlands is beyond the scope of services for this Phase I Environmental Site Assessment. Copies of the National Wetlands Inventory Map and the Cook County Soil Survey Map for the Property are included in Appendix L.

6.0 FINDINGS AND CONCLUSIONS

Mostardi Platt has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-97 and Section 22.2(j)(6)(E)(v) of the Illinois Environmental Protection Act, otherwise known as 415 ILCS 5/22.2, of the Property located near 122nd Street and Torrence Avenue in Chicago, Illinois (the Property). Any exceptions to, or deletions from, the Standard Practice are described in Section 2.4 of this report. This Phase I Environmental Site Assessment has revealed no evidence of a Recognized Environmental Condition in connection with the Property except for the following:

- The apparent historical use of the Property as one or more listed solid waste disposal sites;
- The presence of randomly dumped piles of slag and other unidentified materials on the Property;
- The presence of elevated levels of arsenic, chromium, lead, manganese, benzo(a)anthracene, and chrysene in the sediment and surface water at the Property;
- The historical and current use of the adjoining properties as one or more solid waste disposal sites;
- The historical and current presence of an industrial facility on the northern adjoining property with outside storage of slag and coke materials.

Mostardi Platt lists these items as Recognized Environmental Conditions in order to identify areas that may warrant further discussion, explanation, or investigation to fully assess their impact on persons acquiring an interest in the Property. The fact that these issues are identified in this section as Recognized Environmental Conditions does not, in and of itself, indicate that environmental problems exist on the Property. Other items identified in the body of this report, which are not listed here, also may be of interest in light of a given transaction. Therefore, this report should be read as a whole.

Mostardi Platt will provide specific recommendations to CorLands as requested and after appropriate discussion of issues raised and their potential impact on the transaction contemplated.

7.0 AFFIRMATION

The undersigned hereby affirms that:

We are the environmental professionals who prepared the audit and the facts stated in the report are true and made under a penalty of perjury as defined in Section 32-2 of the Illinois Criminal Code of 1961.

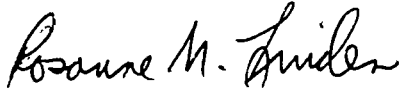
The reported analyses, opinions, and conclusions are personal, unbiased, professional, and limited only by the assumptions and qualifications stated herein. Compensation is not contingent upon an action or an event resulting from the analyses, opinions, or conclusions in, or the use of, this report.

This Phase I Environmental Site Assessment has been performed in accordance with applicable legal requirements and in accordance with accepted practices prevailing in the environmental industries. The persons who performed the investigation are properly licensed and certified in accordance with the requirements of federal, state, and local laws, rules, and regulations, as applicable.

We have no present or prospective interest in the Property or the parties involved.

Respectfully submitted,

MOSTARDI-PLATT ASSOCIATES, INC.

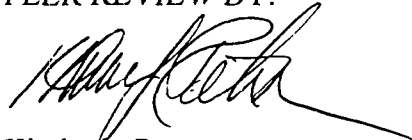


Rosanne M. Linden
Project Manager



Mark J. Knight, CHMM
Director, Environmental Assessment
& Remediation

PEER REVIEW BY:



Kimberly Peterson
Project Manager

RML/KP/dlj

8.0 ENVIRONMENTAL PROFESSIONAL CREDENTIALS

Mark J. Knight, CHMM

Director, Environmental Assessment and Remediation

Education

Master of Environmental Science—Applied Ecology, Miami University, Oxford, Ohio, 1978

Bachelor of Arts—Environmental Science, Aurora University, Aurora, Illinois, 1976

Environmental Experience

Mr. Knight has over 20 years of experience in the following technical specialties:

- Management of Major RCRA and CERCLA Projects
- Agency Negotiations
- Regulatory Compliance
- PCB Spill Cleanup and Emergency Response
- Waste Disposal Management
- Management of Engineering and Design Projects

Mr. Knight has worked for ENSR Consulting and Engineering, Fluor Daniel Environmental Services, Inc., Commonwealth Edison Company, and Argonne National Laboratory. At Mostardi Platt, he directs the activities of the environmental assessment and remediation department (EA & R). EA & R conducts Phase I and Phase II environmental site assessments, remedial investigations, RBCA analyses, and remediation work. Mr. Knight also serves as the project manager for a variety of project types. Below are some representative projects:

RCRA Corrective Action. Mr. Knight served as the project manager and environmental manager for the start-up and initial operation of a 4,400 lb/hr, two-stage thermal desorption unit used to recover oil from sludges. This thermal desorber had been designed and constructed by a confidential client to remediate a portion of more than 173,000 cu. yds. of metal and PAH contaminated oily sludges that had accumulated in a series of waste water treatment lagoons at a retired industrial facility. As environmental manager, Mr. Knight led discussions with MDNR concerning the final operating permit conditions for the unit, participated in public meetings, and prepared and submitted RCRA permit modifications for Agency review and approval. As project manager, Mr. Knight directed the completion of thermal desorber start-up, shakedown, troubleshooting, and initial operations. He

also directed the completion of a detailed set of as-built drawings for the unit. As project manager, he was responsible for management of a \$5.5 million budget, schedule, and safety. He oversaw a project staff of 25 operators, engineers, and regulatory experts.

LNAPL Recovery System, Illinois. Mr. Knight served as the principle-in-charge for a project to recover an oil layer is floating on groundwater beneath an operating auto parts manufacturing facility. As PCB concentrations of >700 ppm have been encountered in some wells, the recovery system has been configured to segregate PCB contaminated oil from uncontaminated oil. In less than one year of operation, the system has recovered about 5,000 gallons of oil. Of this total, only 220 gallons have had been disposed of as PCB liquids. The careful segregation of PCB contaminated oil is estimated to have reduced project disposal costs \$75,000. The site has been enrolled in the Illinois Site Remediation Program, with the project's main objective to obtain a "no further remediation" letter within the next two years.

Ninth Avenue Program - CERCLA Site, Indiana. Mr. Knight served as project director and USEPA project coordinator for the Ninth Avenue Program. The Ninth Avenue Program is a Superfund remedial action at a 32-acre site located in Gary, Indiana. The Ninth Avenue Respondents, a group of 27 Potentially Responsible Parties, is funding the cleanup of oils, industrial solvents, PCBs, paint wastes and other materials dumped at the site. From November 1990 until March 1994 and again from May to August 1996, Mr. Knight served as the PRP's agent. Significant accomplishments during this period include:

Interim Site Remedy (ISR) construction (valued at \$11 million) during 1991 included a 3,400-foot bentonite slurry wall, two separate wastewater treatment systems, a 1.3-mile long discharge pipeline, a decontamination station and associated support facilities.

The project team had to complete this work under a schedule mandated in an USEPA Unilateral Administrative Order that included \$25,000/day stipulated penalties for completion delays. Construction was completed 6 days ahead of schedule and cost \$1.7 million less than the original designers' estimate. An active Value Awareness Program instituted by project management encouraged all employees to seek ways to save money without compromising quality agencies concerning the final operating parameters for a large two-stage thermal desorption unit being used to recover oil from sludges. Mr. Knight was also responsible for obtaining necessary permits and ensuring that the thermal desorption system was operated in compliance with these permits.

After the completion of ISR construction, the project team received the "highest commendation for completing a difficult construction project under a tight schedule and providing a quality product" in a letter from the U.S. EPA Remedial Project Manager.

At the peak of construction, Mr. Knight managed a project team consisting of twenty-six technical professionals and sixty-five craft laborers. Construction was completed without an OSHA recordable incident (65,000 man hours).

Mr. Knight was also responsible for the operation of the ISR facilities. The wastewater treatment facility has a staff of six and an annual budget of \$1.5 million. The principal treatment system, a pair of sequencing biological reactors, have an on-line performance of 98 percent, while during over 2-1/2 years of operation.

Mr. Knight also directed the effort to modify the FSR Record of Decision (ROD) for Ninth Avenue. The original FSR-ROD focused on on-site incineration, and had an estimated cost of \$70 million. The project team obtained permission to evaluate alternative technologies including soil vapor extraction (SVE), low temperature thermal desorption, in-situ bioremediation and soil washing. As part of the evaluation of alternative treatment technologies, extensive risk assessment and groundwater modeling simulations were conducted. Risk assessment tools were employed to demonstrate to regulatory agencies that the recommended alternative remedy was as protective to human health and the environment as that proposed in the original ROD. After eighteen months of deliberate negotiations, the (U.S. EPA) issued an amended ROD based on the use of SVE. FSR costs are now estimated at \$14 million, a savings to the PRPs of over \$56 million.

Overall, Mr. Knight has served as the principal contact with the U.S. EPA, public officials, news media, and other parties. He has budget responsibilities (estimating and execution) for all phases of this \$36 million project. Mr. Knight has directed the selection and procurement of all subcontractors and equipment. He has also been responsible for safety and quality throughout ISR and FSR construction and operations.

PCB Litigation Support, Illinois. Mr. Knight provided deposition services and directed preparation of an expert witness report. Litigation involved dispute between an owner and a cleanup contractor involving the efficacy of a PCB remediation project conducted at his facility. Reviewed all project files, transcripts of employee

dispositions, and other documentation. Prepared a comparison of cleanup procedures, wastewater treatment approach, and other project activities to standard industry practices for the mid-1980's. Case is still in dispute.

SVE System Design, Wisconsin. Mr. Knight served as the engineering manager for the detailed design of a 1,000 scfm thermal oxidizer and acid quench tower system used to treat chlorinated solvents (primarily TCE) in soil vapor recovered from horizontal wells placed beneath an operating chemical manufacturing facility. He also directed the activities of all engineering disciplines in developing the plans and specifications for the conversion of an unheated warehouse into a treatment building housing this system, and a future groundwater treatment system. In addition to plans and specifications, Mr. Knight directed the preparation of WDNR submittals and application for building permits. The \$110,000 project was completed on-time and on-budget.

CERCLA Groundwater Treatment O&M, Wisconsin. Mr. Knight served as the principle-in-charge for the O&M of a 850 gpm groundwater treatment system located at a closed municipal landfill site in Onalaska, Wisconsin. The system is used to control leachate leaving the capped landfill, which is managed under the federal CERCLA program.

PCB Waste Management, Illinois. Served as PCB management group leader, responsible for ensuring compliance with the Toxic Substance Control Act regulations governing PCB materials at all company facilities. Key activities included serving as program manager of a 5-year, \$11.3 million program begun in 1986 to cleanup PCB residuals at 325 locations where electrical distribution system capacitors had failed, releasing PCB fluids into the environment. This program was conducted as a result of a Consent Decree negotiated between the Company, the U.S. EPA and the U.S. Department of Justice. Mr. Knight was responsible for daily supervision of five company staff and approximately twenty contractor personnel involved in this program.

PCB and Hazardous Material Spill Response, Illinois and Indiana. Coordinated company's emergency response to spills and releases of oil, polychlorinated biphenyl (PCB) materials, and hazardous substances to the environment. Over the course of five years, Mr. Knight was involved in the emergency response and cleanup of more than 275 PCB releases. Program Manager for the Company's PCB cleanup and environmental remediation programs. Prepared budget estimates and exercised

control over expenditures for these programs, whose 1990 budgets totaled \$4.4 million. Directed the selection, hiring and supervision of emergency response contractors during emergencies and remediation projects. Principal contact representing the company to environmental regulatory agencies, state, county and municipal officials, news media and public interest groups during emergency events and resulting cleanup activities.

PCB Fate and Effects Modeling, Illinois. Participated in the first application of the Electric Power Research Institute (EPRI) PCB On-site Spill model (POSSM), which resulted in an annual estimated Company savings of cleanup costs of more than \$1.1 million per year. This work received an EPRI "First Use" commendation.

PCB Risk Assessment Model Development, Illinois. Participated with Electric Power Research Institute (EPRI) staff in the development and implementation of the PCB Spill Prioritization Model (PSPM). PSPM uses general information (e.g., land use, size, average PCB concentration, number of nearby people) describing large numbers of PCB contaminated locations to develop a priority ranking for each location. *The higher the ranking score, the higher the priority to clean PCB residuals at that given location.* PSPM was used by the Company to prioritize the cleanup of approximately 180 locations that had experienced a PCB spill from utility pole-mounted capacitors. The use of PSPM eliminated much of the public concern regarding the manner in which PCB spill locations were selected for cleanup.

PCB Contaminated Sewage Sludge, Indiana. Managed evaluation of remedial alternatives and development of a remediation plan for a lagoon containing 600,000 cubic yards of PCB-contaminated sewage sludge.

Emissions Monitoring System - Clean Air Act Compliance, Illinois. Mr. Knight served as project manager on a successful effort to develop a continuous emissions monitoring system (EMS) for air emissions from a cement kiln in southern Illinois. The computerized system collects information from pollutant analyzers in the kiln and other stacks, calculates emission levels, compares actual emissions to permit standards and appraises the facility operators of their regulatory compliance status. The EMS also records air compliance data and automatically generates all required EPA reports. The EMS for this cement production facility was a prototype that will serve as the basis for EMS to be developed for a number cement kilns located across the United States.

Nuclear Power Plant Environmental Audits, Louisiana. Conducted extensive audit of environmental monitoring and regulatory compliance programs at the River Bend Nuclear Generating Station in Baton Rouge, Louisiana.

Regulatory Compliance Program, Illinois and Indiana. Lead scientist whose activities included development of a comprehensive RCRA waste management plan, preparation of compliance instructions detailing, for operating departments, the requirements and the actions necessary to comply with USEPA regulations. Other experience includes participating in a number of compliance inspections of power plants and other facilities. Experience also includes negotiation of consent decrees and settlement agreements for enforcement actions arising from these compliance inspections.

Regulatory Agency Negotiations, Illinois. Participated in negotiating the settlement of enforcement actions brought by the USEPA against the company concerning PCB compliance issues at PCB transformer installations. Settlement of one action included the Agency's dropping a number of allegations, and the reduction of proposed penalties by 67 percent.

Professional Registrations and Affiliations

Certified Hazardous Materials Manager (CHMM)
Academy of Certified Hazardous Material Managers
Air and Waste Management Association
American Association for the Advancement of Science
Ecological Society of America

Rosanne M. Linden
Project Manager

Education

*Associates Degree with High Honors—Science, College of DuPage, Glen Ellyn,
Illinois, 1993*

Environmental Experience

Ms. Linden has over ten years of experience in the environmental consulting field. Her experience includes the following:

- Conducting over 300 Phase I environmental assessments for industrial, commercial, and residential properties
- Managing the planning and oversight of UST removal projects with fulfillment of regulatory reporting requirements
- Conducting subsurface soil and groundwater investigations related to LUST projects and property transfer evaluations
- Supervising asbestos abatement projects with contractor/supervisor certification under NESHAPS
- Participating in confined space entry utilizing Level C PPE

Professional Certifications

Underground Storage Tank Decommissioning—International Fire Code Institute
(IFCI)
IDPH Licensed Asbestos Building Inspector
Certified Lead Building Inspector
OSHA 40-Hour Hazardous Waste Operations (20 CFR 1910.120)

Kimberly Peterson
Project Manager

Education

Bachelor of Arts—Political Science and German, Northeast Missouri State University, Kirksville, Missouri, 1993

Certified Environmental Auditor—National Directory of Environmental Professionals, July 1996

Environmental Experience

Ms. Peterson has conducted hundreds of Phase I Environmental Assessments encompassing both ASTM and compliance elements. She performed these assessments for a variety of transactions including stock purchase, asset purchase, refinancing, and foreclosure to provide operating budgets related to identified concerns. Over the last three years, Ms. Peterson has

- Conducted over 300 Phase I Environmental Assessments ranging from vacant parcels to heavy industrial facilities throughout the United States
- Completed a Phase I investigation of a steel wheel manufacturer in Königswinter, Germany, in January 1997
- Helped negotiate a remediation work plan with the Oregon Department of Environmental Quality concerning pesticide contamination in surficial soils that resulted in lower remediation costs for the client
- Helped negotiate environmental portion of a multi-million dollar deal of a commercial/industrial property

Professional Certifications and Qualifications

Certified Environmental Auditor
OSHA 40-Hour Hazardous Waste Site Worker
AHERA Asbestos Building Inspector
Fluent German

APPENDICES

- Appendix A: Glossary
- Appendix B: Phase I Environmental Site Assessment Proposal
- Appendix C: Property Location Maps
- Appendix D: Site Location Diagram
- Appendix E: Property Photographs
- Appendix F: USGS Topographic Map
- Appendix G: EDR-Radius Map™ Report
- Appendix H: NIPC *Historical Inventory of SWDS* Map
- Appendix I: CDOE Site Assessment and Records
- Appendix J: Historical Aerial Photographs
- Appendix K: Site Diagrams
- Appendix L: National Wetlands Inventory Map and Soil Survey Map

Appendix A: Glossary

GLOSSARY

adjoining properties — any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

aerial photographs — photographs taken from an airplane or helicopter of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.

appropriate inquiry — that inquiry constituting “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in CERCLA, 42 USC § 9601(35)(B), that will give a party to a commercial real estate transaction the innocent landowner defense to CERCLA liability (42 USC § 9601(A) and (B) and 9607(b)(3), assuming compliance with other elements of the defense.

asbestos-containing material (ACM) — any material or product that contains more than one percent asbestos.

building department records — those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) — the list of sites compiled by EPA that have investigated or are currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

construction debris — concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

demolition debris — concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

drum — a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

dry wells — underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm

runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

due diligence — the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

dwelling — structure or portion thereof used for residential habitation.

environmental professional — a person possessing sufficient training and experience necessary to conduct a site reconnaissance, interviews, and other activities in accordance with Practice E 1527, and from the information generated by such activities, having the ability to develop conclusions regarding recognized environmental conditions in connection with the property in question. An individual's status as an environmental professional may be limited to the type of assessment to be performed or to specific segments of the assessment for which the professional is responsible. The person may be an independent contractor or an employee of the user.

environmental site assessment (ESA) — the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting appropriate inquiry or, if the user is not concerned about qualifying for the innocent landowner defense, less inquiry than that constituting appropriate inquiry.

ERNS list — EPA's Emergency Response Notification System list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center.

fill dirt — dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps — maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

hazardous substance — any solid, liquid, or gas which is toxic, flammable, caustic, reactive/explosive, and/or radioactive.

hazardous waste — “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may — (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

The federal government describes hazardous waste based upon the characteristics of ignitability, corrosivity, reactivity, or toxicity, as described in RCRA.

hazardous waste/contaminated sites — sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and on which release or suspected release has been reported to a government entity.

landfill — a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

local government agencies — those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

local street directories — directories published by private (or sometimes government) sources that show ownership, occupancy, use of sites and/or by reference to street addresses. Often local street directories are available at libraries of local governments, colleges or universities, or historical societies.

LUST sites — state lists of leaking underground storage tank sites. Section 9003 (h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

material safety data sheet (MSDS) — written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard.

National Priorities List (NPL) — list compiled by EPA pursuant to CERCLA 42 USC § 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s hazard ranking system.

occupants — those tenants, subtenants, or other persons or entities using the property or a portion of the property.

owner — generally the fee owner of record of the property.

petroleum products — those substances included within the meaning of the terms within the petroleum exclusion to CERCLA, 42 USC § 9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.

pits, ponds, or lagoons — man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

property — the real property that is the subject of the environmental site assessment described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

publicly available — information that is publicly available means that the source of the information allows access to the information by anyone upon request.

RCRA generators — those persons or entities which generate hazardous wastes, as defined and regulated by RCRA.

RCRA generators list — list kept by EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA.

RCRA TSD facilities — those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

RCRA TSD facilities list — list kept by EPA of those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

reasonably ascertainable — for purposes of both this practice and Practice E 1527 information that is publicly available, obtainable from its source within reasonable time and cost constraints, and practically reviewable.

recognized environmental conditions — the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

report — the written record of a transaction screen process as required by Practice E 1527 or the written report prepared by the environmental professional and constituting part of a Phase I Environmental Site Assessment, as required by Practice E 1527.

site visit — the visit to the property during which observations are made constituting the site reconnaissance section the Phase I Environmental Site Assessment in Practice E 1527 and the *site visit* requirement of the transaction screen process in this practice.

solid waste disposal site — a place, location, tract of land, area, or premises used for the landfill disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

solvent — a chemical compound that is capable of dissolving another substance and is itself a hazardous substance used in a number of manufacturing/industrial processes including, but not limited to, the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

state-registered USTs — state lists of underground storage tanks required to be registered under Subtitle I, Section 9002 of RCRA.

sump — a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD Facility — treatment, storage, or disposal facility (see definition of RCRA TSD facilities).

underground storage tank (UST) — any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

user — the party seeking to use the transaction screen process of this practice or the Phase I Environmental Site Assessment of Practice E 1527 to perform an environmental assessment of the property, a potential tenant of property, an owner of property, a lender, or a property manager.

USGS 7.5 Minute Topographic Map — the map (if any) available from or produced by the United States Geological Survey, entitled "USGS 7.5 Minute Topographic Map," and showing the property.

wastewater — water that is or has been used in an industrial or manufacturing process, conveys or has conveyed sewage, or is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as storm water flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

zoning/land use records — those records of the local government in which the property is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county.

Appendix B: Phase I Environmental Site Assessment Proposal

A Full-Service
Environmental Consulting
Company

945 Oaklawn Avenue
Elmhurst, Illinois 60126-1012
Phone 630-993-9000
Facsimile 630-993-9017

June 9, 1999

Proposal 015181 Rev. 1



Mr. Thomas Hahn
CorLands
25 East Washington Street
Suite 1650
Chicago, Illinois 60602

Dear Mr. Hahn:

In response to the request of Mr. Don Marmer, Consultant to Chicago's Environmental Fund, MOSTARDI-PLATT ASSOCIATES, INC. (Mostardi Platt) is pleased to submit this proposal for Phase I Environmental Site Assessment Services the real property bounded by Torrence Avenue to the east, the Norfolk Southern railway to the west, the Calumet River to the south, and 116th Street to the north, excepting 122nd Street, (the Indian Ridge Marsh) in Chicago, Illinois.

The purpose of the phased approach to performing an environmental assessment is to allow parties to a real estate transaction to cost effectively meet their "due diligence" or "...appropriate inquiry" obligations. Performing all of the sampling and analysis required to obtain complete assurance that there are no potential environmental liabilities associated with a parcel of real property may be extremely costly and is generally not required by the custom and usage in the real estate or lending industries. The premise of the Phase I Environmental Site Assessment is that reviewing certain reasonably available information concerning the past or current use and activities on the property may indicate the presence of potential Recognized Environmental Conditions. If a Recognized Environmental Condition is identified, then due diligence may require that further inquiry be made to adequately quantify the impact on the property.

Scope of Services

Mostardi Platt will conduct a Phase I Environmental Site Assessment in accordance with the American Society of Testing and Materials (ASTM) Standard E1527-97 entitled, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and generally accepted industry standards. This Phase I Environmental Site Assessment shall consist of the following services:

CorLands

June 9, 1999

Proposal 015181 Rev. 1

Page 2

- Reviews of the current and historic topographic maps, historical aerial photographs, Sanborn Fire Insurance Maps, city directories and prior environmental reports, if available, to investigate past property conditions back to 1940 or the first developed use of the property, whichever is earlier
- An inspection by a trained professional to investigate the current use of the property and identify the presence of hazardous substances, wastes, underground storage tanks, or other areas of environmental concern
- A review of reasonably available building and department of environment records for permits, citations, and reports connected to the property
- An inspection of adjoining properties from reasonably available public viewpoints to identify the current use of these properties
- A review of specific government lists pursuant to ASTM Standard E 1527-97 regarding environmental activities for the property and local area properties
- Preparation of a report that specifically lists Recognized Environmental Condition(s), if any, identified during the course of this Phase I Environmental Site Assessment

Recognized Environmental Conditions identified during the Phase I Environmental Site Assessment will be reported to CorLands as early as practical to allow as much time as possible to perform any additional work that may be required.

Project Fee

Mostardi-Platt will perform the Phase I Environmental Site Assessment as described above on the property on a time and expense basis using our **labor burden rate fee schedule** (see below) for a fee not-to-exceed\$3,000

CorLands

June 9, 1999

Proposal 015181 Rev. 1

Page 3

Mostardi Platt will provide CorLands with two copies of the report for this project. Additional report copies will be provided in accordance with the fee schedule below.

Any additional consultation or services, authorized in writing by CorLands, beyond the scope of services described above will be billed to CorLands according to the following fee schedule, which represents our **labor burden rate** for the listed categories:

Director	\$90/hr
Project Manager	\$38/hr
Clerical/Administrative Support	\$26/hr
Additional Report Copies	\$50/Color - \$25/Black & White
Shipping Costs	Actual Costs
Travel Expenses	Actual Costs
Other Expenses	Actual Costs

Participation by CorLands

Mostardi Platt will need the following information regarding the property to start the proposed Phase I Environmental Site Assessment:

- The copy of this letter signed by an authorized person
- A plat of survey showing the boundaries of the property
- The legal description of the property
- The permanent index number(s) (P.I.N. or tax number) of the property
- All known street addresses of the property
- The name of the owner of record of the property

CorLands

June 9, 1999

Proposal 015181 Rev. 1

Page 4

- The name and telephone number of the person identified by the property owner who shall provide Mostardi Platt with access to the property and who possess good knowledge of the current and historical property uses
- Any other information in your possession regarding the current or past environmental condition of the property including, but not limited to, previous environmental reports

Payment Terms

Mostardi Platt will submit an invoice to CorLands. All invoices are billed net. Payments not received within thirty (30) days from the date billed are subject to a late payment charge of 1.5% per month until payment is received. This Proposal 015181 Rev. 1 is valid if accepted within 30 days of issuance and for work performed within 60 days of acceptance.

CorLands

June 9, 1999

Proposal 015181 Rev. 1

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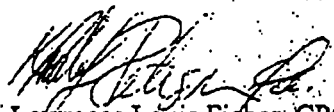
Acceptance and Authorization

If the fee and attached General Terms and Conditions are acceptable to CorLands, please indicate such acceptance by having an authorized person sign and title the enclosed copy of this letter in the space provided and return it to Mostardi Platt.

We appreciate the opportunity to submit this proposal to you and look forward to working with you on this project. If you need any additional information or have any questions regarding this proposal, please call me directly at 630-993-2122.

Respectfully submitted,

MOSTARDI-PLATT ASSOCIATES, INC.



Lawrence Louis Fieber, CPG, PG
Director, Environmental Assessments

LLF/avb

pc: James O'Brien, Esq., Baker & McKenzie
Mr. Don Marmer, Chicago's Environmental Fund

(Filename: Indian Ridge Marsh Phase I)

Accepted:

CORLANDS



(Signature)

THOMAS E. HARRO

(Print Name)

EXECUTIVE DIRECTOR

(Title)

6/24/99

(Date)

GENERAL TERMS AND CONDITIONS

Our Agreement with you consists of these General Terms and Conditions and Mostardi Platt Proposal 015181 Rev. 1.

1.0 PERFORMANCE OF WORK

1.1 Standard of Care. We will conduct all services relating to this Agreement in accordance with generally accepted practice in a manner consistent with that level of care ordinarily exercised by members of the industry currently performing services specified in this Agreement in the same locality and under similar conditions of time and accessibility of improvements and information. No other representations, expressed or implied, and no warranty or guarantee is included or intended to be part of this Agreement.

1.2 Accuracy of Measurements. We will reference our field observations and samplings to available reference points at the Property. We will not survey, set, or check the accuracy of those points unless we accept that duty in writing.

1.3 Failure to Follow Recommendations. If you do not follow our recommendations, you agree not to hold us liable for undesirable circumstances that may occur as a result of not following our recommendations.

1.4 Force Majeure. If you fail to provide us with specified facilities or information, or if you or your contractor are negligent, omit information, or cause delays, we reserve the right to renegotiate the cost and time schedule commitments of this Agreement. In addition, delays caused by incidents beyond our control such as fires, floods, strikes, riots, explosions, adverse weather conditions, casualties, unavailability of labor or materials or services, process shutdown, acts of God, court orders, or acts, orders or regulations of any governmental agency will prompt renegotiation of proposed costs and time schedules of this Agreement.

1.5 Accuracy of Information. We will use commercial information services from one commercial source that provide information about compliance with environmental laws and investigations of reported violations of environmental laws. These services do not insure the accuracy of the information they provide nor do they carry insurance to cover errors or

omissions that occur in the conversion of data they receive from government agencies. Therefore, our use of commercial services is subject to the same limitations. We assume that the information we receive from commercial information services is accurate.

2.0 AGREEMENT TERMS

2.1 Notice. Any notice or communication required to be sent to either of the parties by the other will be deemed to have been sufficiently given when delivered in person to the other party or upon receipt of postage-prepaid, certified United States mail, or the equivalent, to your or our business address shown on the first page of our proposal in this Agreement.

2.2 Confidentiality. Unless you prohibit us from doing so, we may use your name in our promotional materials. When we use your name, we agree not to reference the exact services we performed or identify the properties involved.

2.3 Payment of Fees. You are responsible for paying any filing or application fees, penalties, or fines to any federal, state, or local governments relating to the services we propose to provide in this Agreement.

2.4 Assignment. You may not assign this Agreement without our prior written consent. Consequently, we may not assign this Agreement without your prior written consent.

2.5 Binding Effect. Both you and we understand and agree that this Agreement is binding on both parties, respective successors, and any assigned parties.

2.6 Severability. The provisions of this Agreement are severable. If one (or more) of the provisions in this Agreement proves invalid or unenforceable, it (or they) will not affect the validity and enforceability of the other provisions in this Agreement.

2.7 Governing Law. The provisions of this Agreement will be governed by the laws of the state of Illinois in the county of DuPage.

2.8 Survival. All obligations that occur before this Agreement is concluded and all the conditions of this Agreement that designate responsibility or liability between you and us will continue after services are completed and this Agreement is concluded.

2.9 Arbitration. Unless you and we agree differently, all claims, disputes, and other matters in question between us that arise out of or relate to this Agreement or breaking of this Agreement may be decided by the most current rules of the American Arbitration Association.

2.10 Other Compensation. You agree to compensate us for our reasonable expenses incurred if we are required to respond to legal processes related to our services for you that arise out of a lawsuit or a proceeding to which we are not a party.

2.11 Limitation of Liability. Our liability in connection with this Agreement, and any subsequent services we provide, is limited to \$20,000.00. We exclude all expressed or implied warranties in regard to the services or reports proposed including all warranties of merchantability and fitness for a particular purpose. In no event will we be liable for special, incidental, or consequential damages arising out of the services proposed in this Agreement or any subsequent services we provide.

2.12 Limitation of Use. We will prepare a confidential report for you. No third party may use the information contained in our report without written permission from both you and us. Our duties and obligations extend to you and to no other party. Our duties and obligations to you are not transferable to any person, corporation, or organization without the expressed written consent from both you and us.

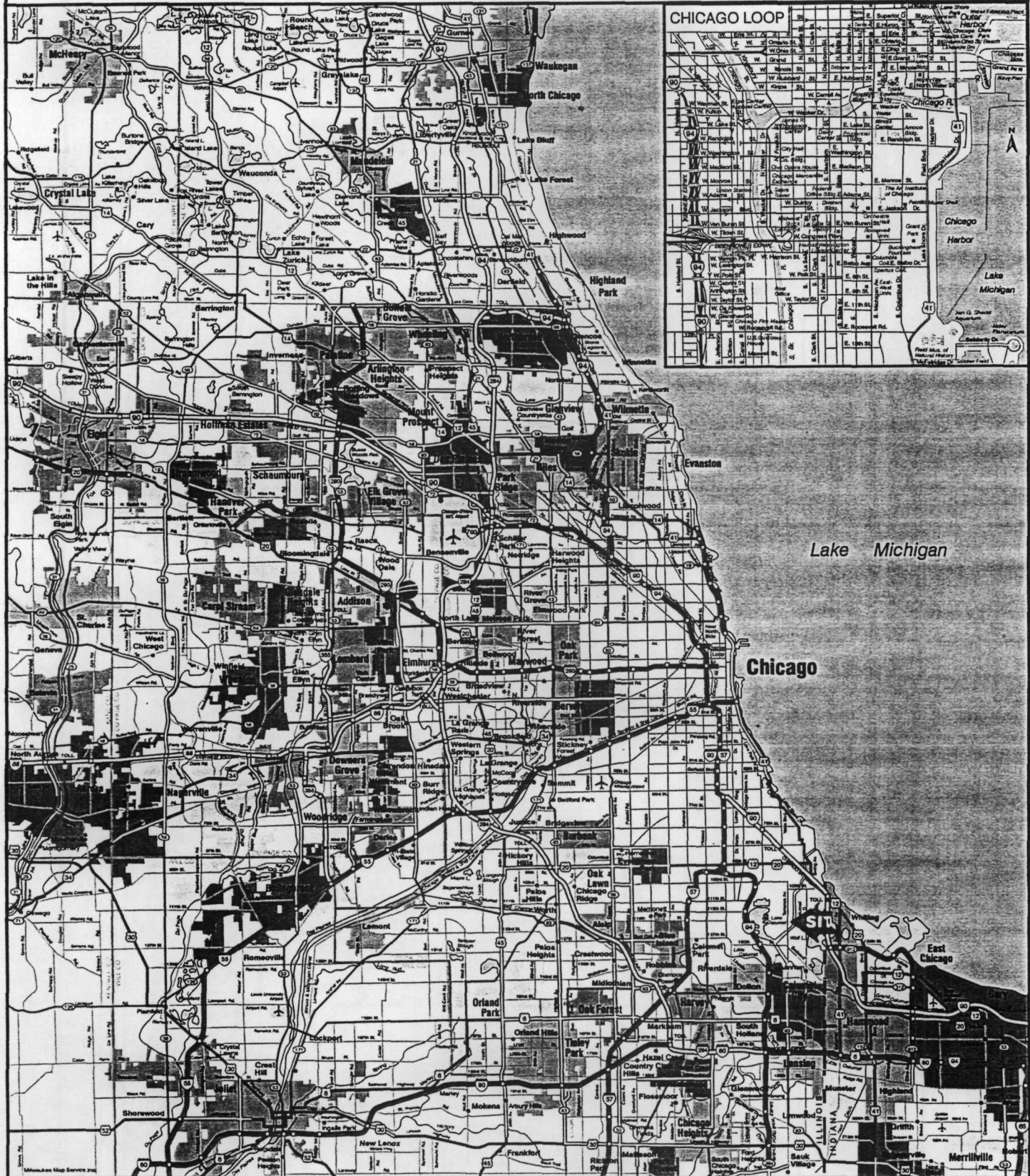
Appendix C: Property Location Maps

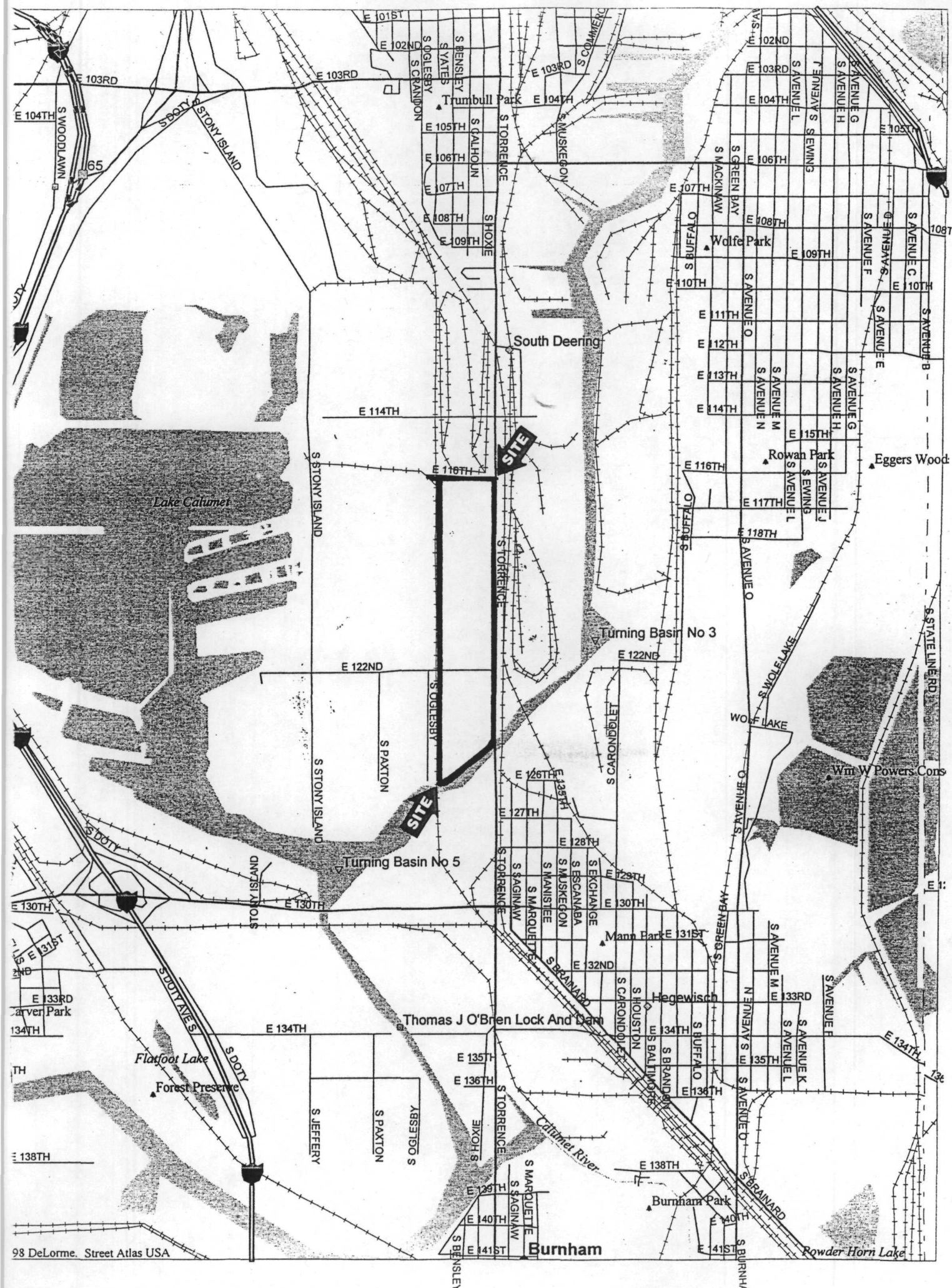


Mostardi Platt

945 Oaklawn Avenue
Elmhurst, Illinois 60126-1012
Phone 630-993-9000
Facsimile 630-993-9017

Property Location: CHICAGO AREA MAP
INDIAN RIDGE MARSH
CHICAGO, IL





Appendix D: Site Location Diagram

ACME Steel
Coke Plant
Slag Piles



116th Street

North Indian
Ridge Marsh

Norfolk and Western Railroad

Apparent Landfill

Torrence Avenue

122nd Street

South Indian
Ridge Marsh

Calumet River



Mostardi Platt

A Full Service Environmental Consulting Company

Revision No.
1

Drawn by:
BAP

Reviewed by:
JAM

Title:

Site Location Diagram
122nd and Torrence Ave.
Chicago, Illinois

Project Number:
92340

Project Name:
Indian Ridge Marsh

Date:
08-06-99

Approximate Scale:
1" : 830'

File Name:
site.dwg

Appendix E: Property Photographs



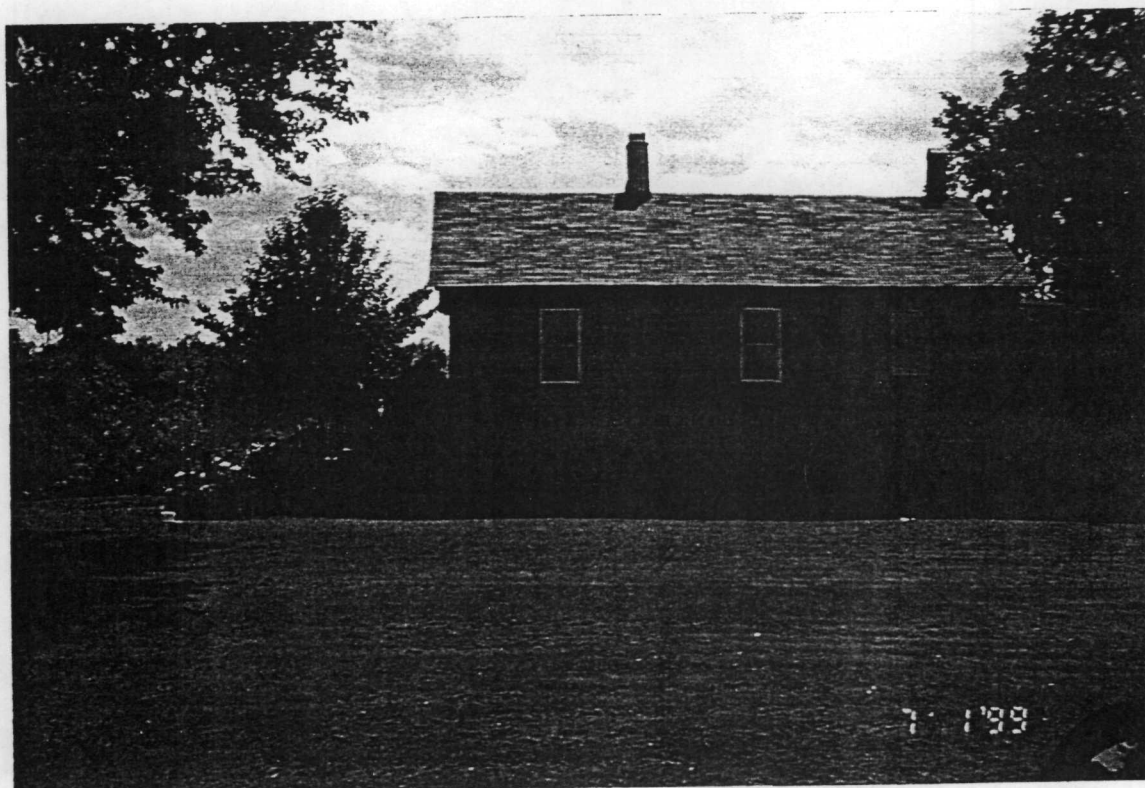
POND IN NORTH INDIAN RIDGE MARSH



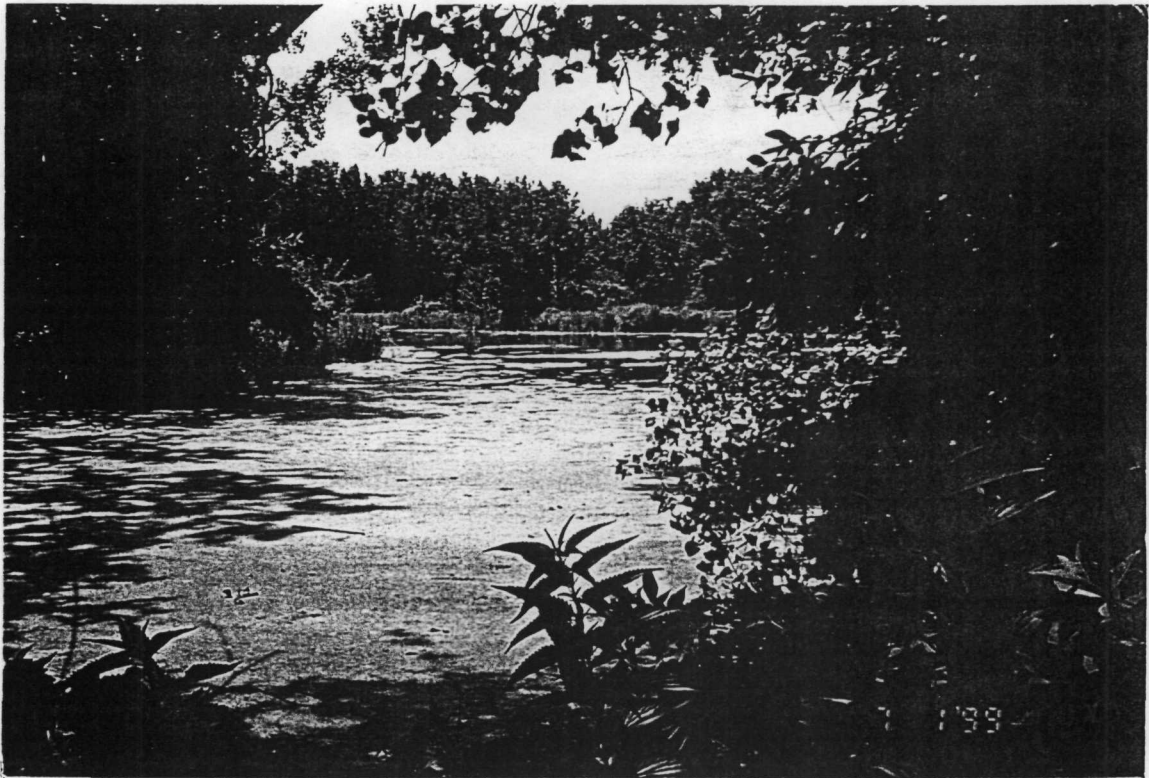
OVERGROWN VEGETATION IN NORTH INDIAN RIDGE MARSH



ROADWAY TRAIL IN NORTH INDIAN RIDGE MARSH



RESIDENCES NEAR TORRENCE AVENUE AND 116TH STREET



POND NEAR RESIDENTIAL AREA IN NORTH INDIAN RIDGE MARSH



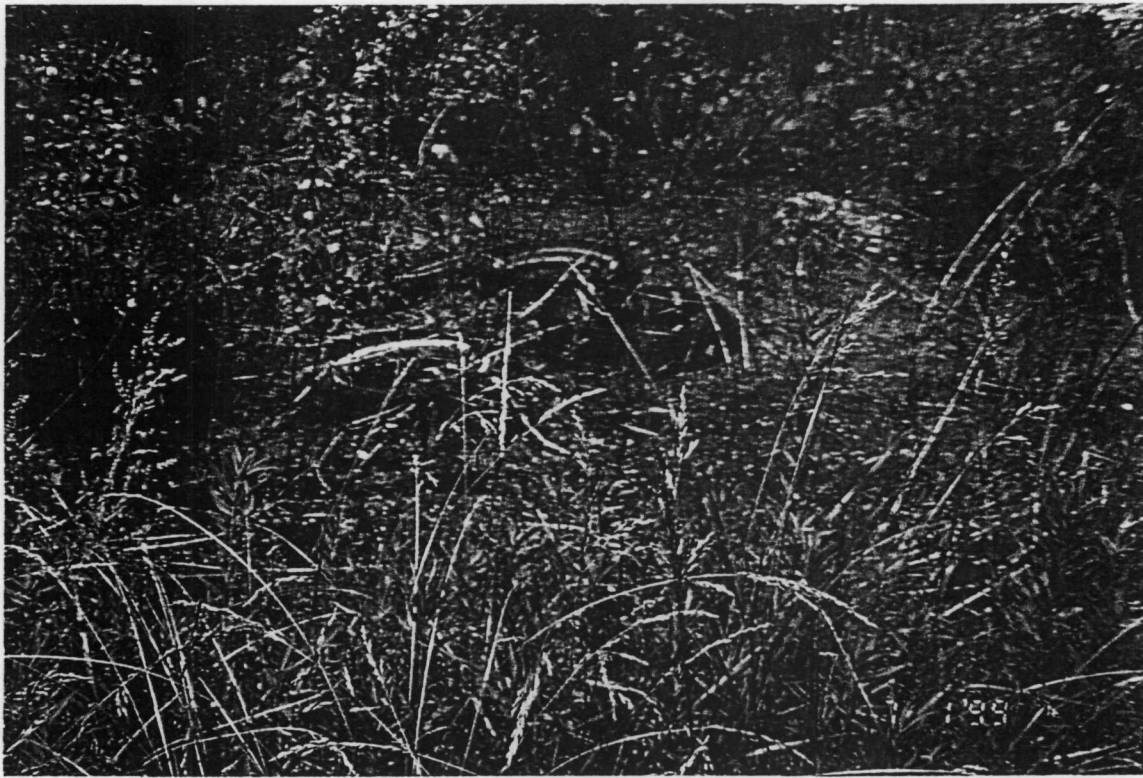
WELL BEHIND RESIDENTIAL AREA IN NORTH INDIAN RIDGE MARSH



BURNED WOOD DEBRIS IN NORTH INDIAN RIDGE MARSH



TWO FIVE-GALLON EMPTY BUCKETS IN NORTH INDIAN RIDGE MARSH



TIRE FLOATING IN POND IN NORTH INDIAN RIDGE MARSH



CONCRETE DEBRIS IN NORTH INDIAN RIDGE MARSH



PILE OF UNKNOWN MATERIAL LACKING VEGETATIVE GROWTH IN NORTH
INDIAN RIDGE MARSH



FILL MATERIAL LACKING VEGETATIVE GROWTH IN NORTH INDIAN RIDGE
MARSH



116TH STREET LOOKING WEST



DEBRIS PILE LOCATED ALONG 116TH STREET



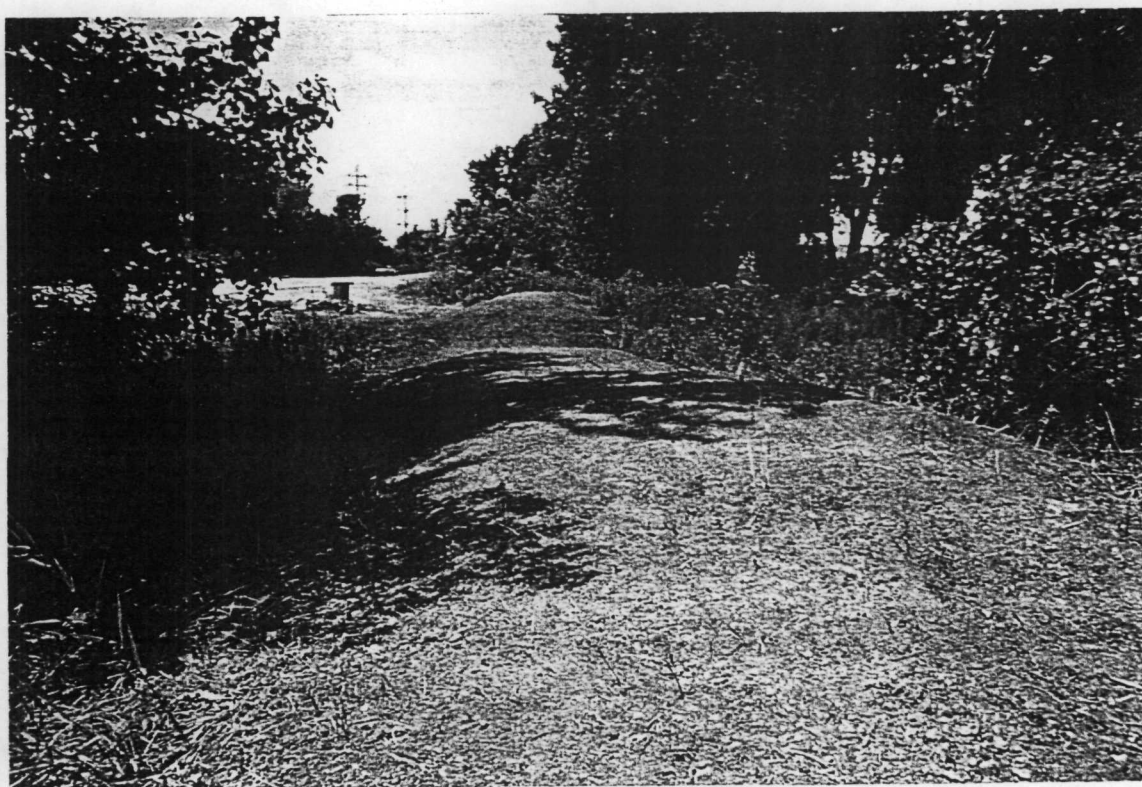
DRUMS LOCATED ALONG 116TH STREET



122ND STREET LOOKING WEST



RAILROAD TRACKS ALONG WESTERN PROPERTY BOUNDARY



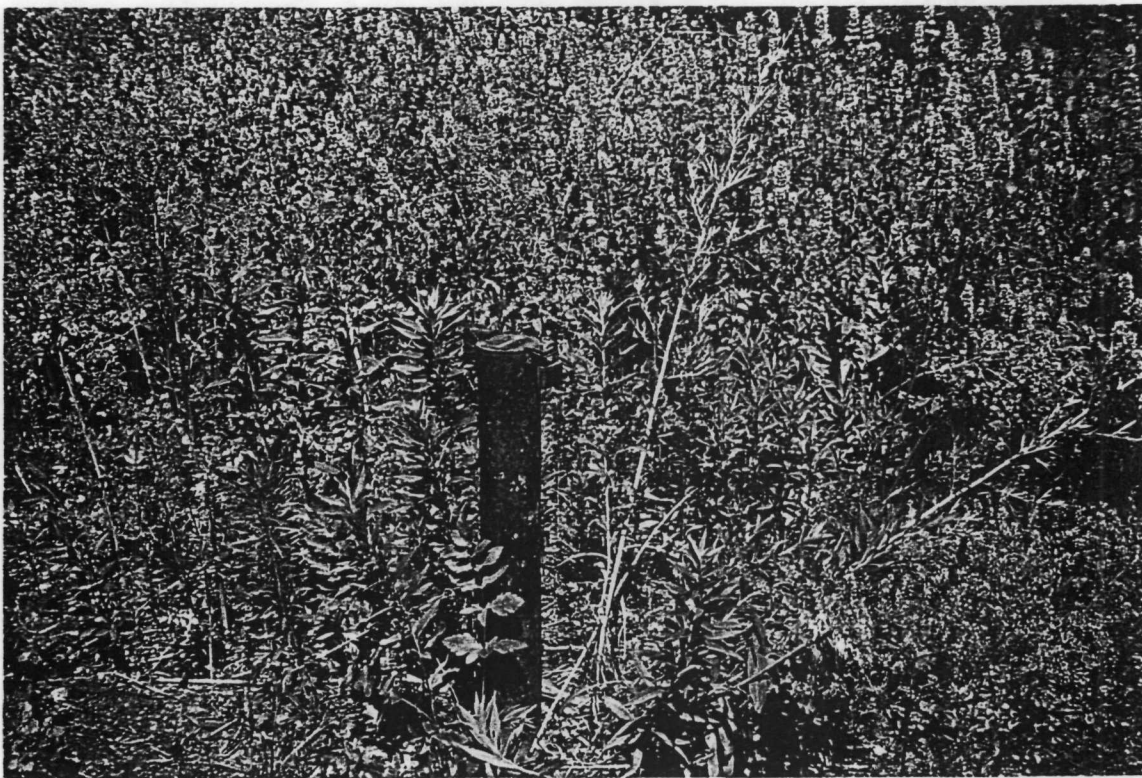
BERM OF FILL MATERIAL ALONG SOUTH PROPERTY LINE OF NORTH
INDIAN RIDGE MARSH



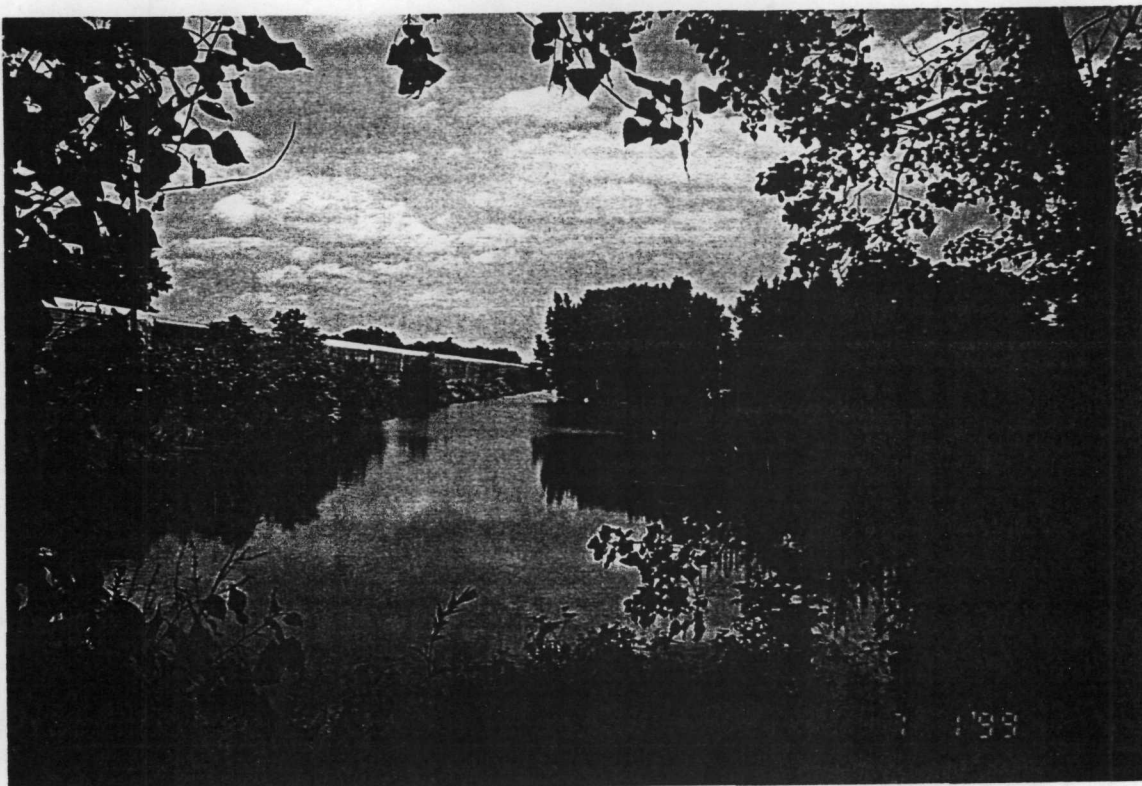
FILL MATERIAL USED FOR BERM ALONG NORTHERN PROPERTY LINE OF
SOUTH INDIAN RIDGE MARSH



PILE OF TIRES IN SOUTH INDIAN RIDGE MARSH



WELL LOCATED ALONG SOUTH PROPERTY LINE OF NORTH INDIAN RIDGE
MARSH



POND NEAR THE SOUTHWEST CORNER OF NORTH INDIAN RIDGE MARSH



SOUTH PROPERTY LINE OF SOUTH INDIAN RIDGE MARSH



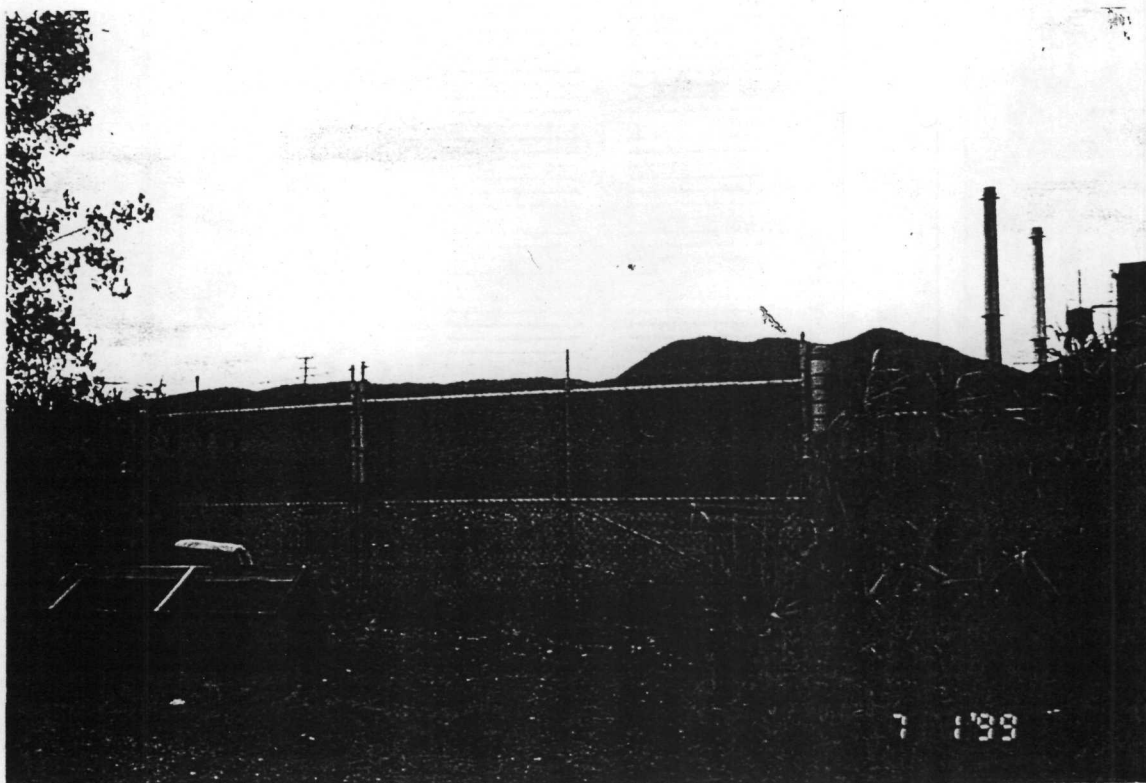
POND ALONG WESTERN PROPERTY LINE OF SOUTH INDIAN RIDGE MARSH



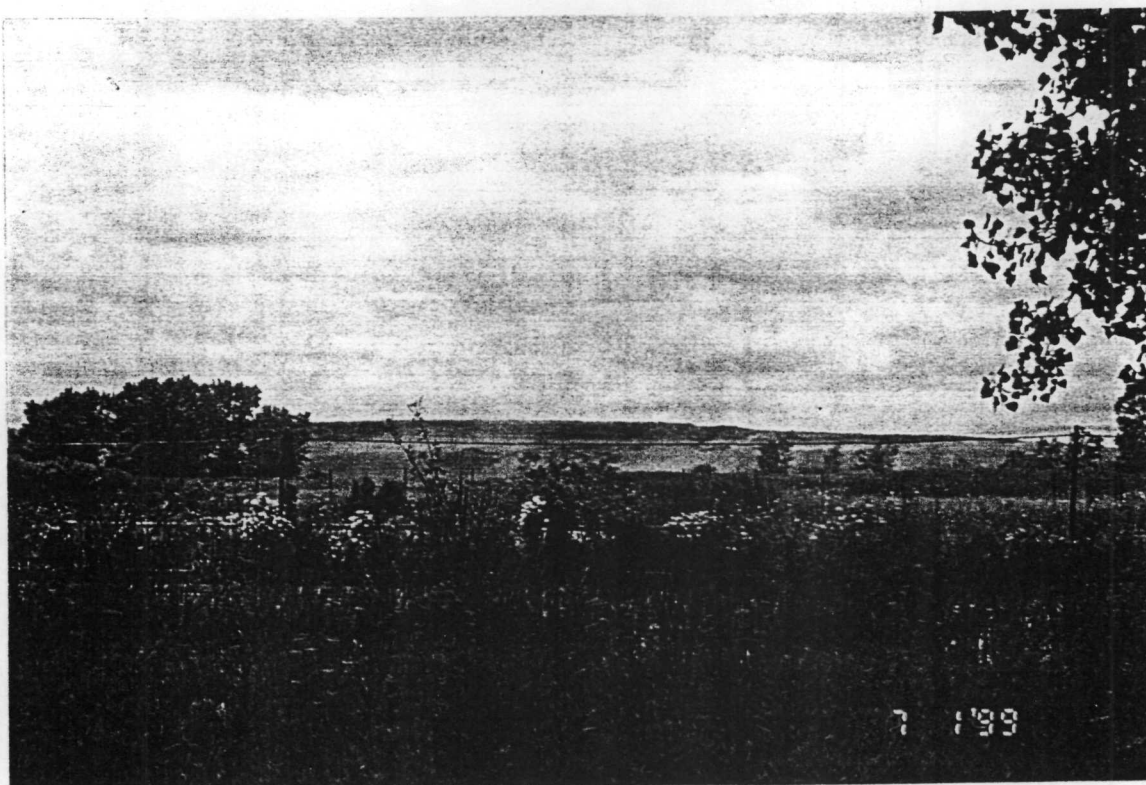
OVERGROWN VEGETATION IN SOUTH INDIAN RIDGE MARSH



APPARENT WELL LOCATED ALONG 122ND STREET

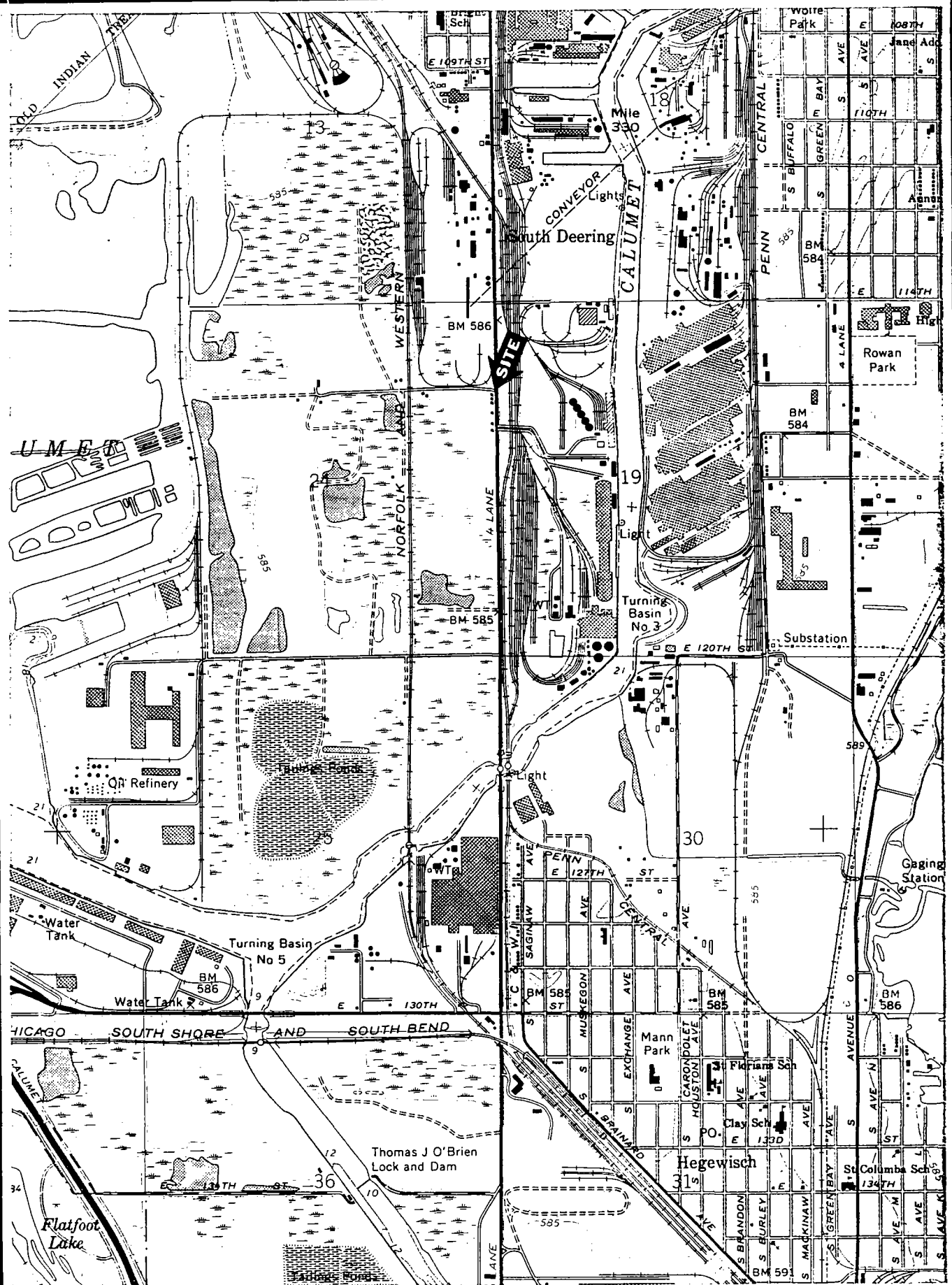


COKE PILE LOCATED ON THE NORTHERN ADJOINING PROPERTY



OPERATING LANDFILL ON THE WESTERN ADJOINING PROPERTY

Appendix F: USGS Topographic Map



Appendix G: EDR-Radius Map™ Report



The EDR-Radius Map™ Report

**Indian Ridge Marsh
122nd St+Torrence Ave
Chicago, IL 60617**

Inquiry Number: 0383473.1r

June 29, 1999

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Detail Map	3
Map Summary - All Sites	4
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Map Findings	6
Orphan Summary	48

APPENDICES

GeoCheck Version 2.1 - Not Requested	
EPA Waste Codes	A1
Government Records Searched / Data Currency Tracking Addendum	A3

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer and Other Information

This Report contains information obtained from a variety of public and other sources and Environmental Data Resources, Inc. (EDR) makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

122ND ST+TORRENCE AVE
CHICAGO, IL 60617

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:	National Priority List
Delisted NPL:	NPL Deletions
SHWS:	State Haz. Waste
CERC-NFRAP:	Comprehensive Environmental Response, Compensation, and Liability Information System
RAATS:	RCRA Administrative Action Tracking System
HMIRS:	Hazardous Materials Information Reporting System
PADS:	PCB Activity Database System
ERNS:	Emergency Response Notification System
FINDS:	Facility Index System/Facility Identification Initiative Program Summary Report
TRIS:	Toxic Chemical Release Inventory System
NPL Lien:	NPL Liens
TSCA:	Toxic Substances Control Act
MLTS:	Material Licensing Tracking System
CAT:	Category List
ROD:	ROD
CONSENT:	Superfund (CERCLA) Consent Decrees

Unmapped (orphan) sites are not considered in the foregoing analysis.

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was not listed in any of the databases searched by EDR.

EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 04/26/1999 has revealed that there are 5 RCRIS-TSD sites within approximately 1.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PVS CHEMICALS INC/ALLIED CHEM</i>	<i>12260 S CARONDOLET AVE</i>	<i>1/2 - 1 ESE</i>	<i>E27</i>	<i>18</i>
<i>GREAT LAKES CARBON CORP CALUME</i>	<i>2701 EAST 114TH ST</i>	<i>1/2 - 1 NNE</i>	<i>J40</i>	<i>25</i>
<i>LTV STEEL CO CHICAGO WORKS</i>	<i>11600 S BURLEY AVE</i>	<i>1 - 2 ENE</i>	<i>O58</i>	<i>32</i>
<i>CHEM-CLEAR</i>	<i>118TH & STONY ISLAND RO</i>	<i>1 - 2 NNW</i>	<i>Q72</i>	<i>37</i>
<i>SCA CHEM SERV INC ILLINOIS DIV</i>	<i>11700 S STONY ISLAND AV</i>	<i>1 - 2 NNW</i>	<i>83</i>	<i>41</i>

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 04/21/1999 has revealed that there are 9 CERCLIS sites within approximately 1.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>US DRUM II</i>	<i>2400 E 119TH ST</i>	<i>1/8 - 1/4 NE</i>	<i>A5</i>	<i>6</i>
<i>AMERICAN INCINERATION</i>	<i>2200 E 119TH ST</i>	<i>1/4 - 1/2 WNW</i>	<i>7</i>	<i>7</i>
<i>MSD #4 SLUDGE & BARREL DUMP</i>	<i>SOUTH OF 122ND & W OF T</i>	<i>1/4 - 1/2 SSE</i>	<i>9</i>	<i>9</i>
<i>PAXTON LANDFILL CORP</i>	<i>12201 S OGLESBY</i>	<i>1/4 - 1/2 SSW</i>	<i>B12</i>	<i>10</i>
<i>HARBOR VIEW</i>	<i>2000 E 122ND ST</i>	<i>1/4 - 1/2 SW</i>	<i>C16</i>	<i>12</i>
<i>INTERLAKE INC CHICAGO LANDFILL</i>	<i>116TH & TORRENCE AVE</i>	<i>1/2 - 1 NNE</i>	<i>20</i>	<i>14</i>
<i>PVS CHEMICALS INC/ALLIED CHEM</i>	<i>12260 S CARONDOLET AVE</i>	<i>1/2 - 1 ESE</i>	<i>E27</i>	<i>18</i>
<i>SUN MACHINE PARTS</i>	<i>10655 TORRENCE AVENUE</i>	<i>1/2 - 1 N</i>	<i>28</i>	<i>20</i>
<i>AVENUE O & 118TH STREET</i>	<i>AVE O & 118TH ST</i>	<i>1 - 2 ENE</i>	<i>66</i>	<i>35</i>

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/1999 has revealed that there are 6 CORRACTS sites within approximately 2 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AMERICAN INCINERATION</i>	<i>2200 E 119TH ST</i>	<i>1/4 - 1/2 WNW</i>	<i>7</i>	<i>7</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PVS CHEMICALS INC/ALLIED CHEM</i>	<i>12260 S CARONDOLET AVE</i>	<i>1/2 - 1 ESE</i>	<i>E27</i>	<i>18</i>
<i>LTV STEEL CO CHICAGO WORKS</i>	<i>11600 S BURLEY AVE</i>	<i>1 - 2 ENE</i>	<i>O58</i>	<i>32</i>
<i>CHEM-CLEAR</i>	<i>118TH & STONY ISLAND RO</i>	<i>1 - 2 NNW</i>	<i>Q72</i>	<i>37</i>
<i>SCA CHEM SERV INC ILLINOIS DIV</i>	<i>11700 S STONY ISLAND AV</i>	<i>1 - 2 NNW</i>	<i>83</i>	<i>41</i>
<i>WISCONSIN STEEL PLT/TRUST 48 0</i>	<i>2800 E 106TH ST</i>	<i>1 - 2 N</i>	<i>86</i>	<i>43</i>

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Illinois Environmental Protection Agency's Available Disposal for Solid Waste in Illinois--Solid Waste Landfills Subject to State Surcharge list.

A review of the SWF/LF list, as provided by EDR, and dated 12/01/1998 has revealed that there are 2 SWF/LF sites within approximately 1.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAND AND LAKES - DOLTON		1/4 - 1/2 SW	C17	13
CHICAGO DISPOSAL TRANSFER STAT	11800 S EWING AVE	1 - 2 ENE	82	40

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 03/01/1999 has revealed that there are 10 LUST sites within approximately 1.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AIR LIQUIDE AMERICA CORP.	10924 S TORRENCE AVE	1/8 - 1/4 NE	A3	6
<i>CALUMET TANK AND EQUIPMENT CO</i>	<i>12440 S STONY ISLAND</i>	<i>1/2 - 1 W</i>	<i>D23</i>	<i>16</i>
WELDED TUBE CO. OF AMERICA	1855 E 122ND ST	1/2 - 1 WSW	H37	24
SPRAYLAT CORP.	1701 E 122ND ST	1/2 - 1 WSW	K46	28
SPRAYLAT CORP.	1701 E 122ND ST	1/2 - 1 WSW	K47	28
EDWARD GRAY CORP.	12233 S AVENUE O	1 - 2 E	P65	35
CLEAN HARBORS SERVICES	11800 S STONY ISLAND AV	1 - 2 NNW	Q71	37
SINGER, MIKE	13000 S TORRENCE AVE	1 - 2 S	R74	38
A&D AUTO	12958 S CARONDOLET AVE	1 - 2 SSE	81	40
AMOCO OIL CO. #9561	10302 S TORRENCE AVE	1 - 2 N	85	43

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 03/03/1998 has revealed that there are 22 UST sites within approximately 1.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	12201 S TORRENCE AVE	1/8 - 1/4 SE	6	7
Not reported	2000 E 122ND ST	1/4 - 1/2 SSW	B8	9
Not reported	11700 S TORRENCE AVE	1/4 - 1/2 NNE	19	14
Not reported	12440 S STONY ISLAND AV	1/2 - 1 W	D22	16
Not reported	12260 S CARONDOLET AVE	1/2 - 1 ESE	E26	18

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1855 E 122ND ST	1/2 - 1 WSW	H38	24
Not reported	2701 E 114TH ST	1/2 - 1 NNE	J41	27
Not reported	12600 S TORRENCE AVE	1/2 - 1 S	I42	27
Not reported	1701 E 122ND ST	1/2 - 1 WSW	K43	27
Not reported	1701 E 122ND ST	1/2 - 1 WSW	K44	28
Not reported	11610 S AVENUE O	1/2 - 1 ENE	L50	30
Not reported	1600 E 122ND ST	1/2 - 1 WSW	51	30
Not reported	12901 S STONY ISLAND AV	1/2 - 1 SW	M55	31
Not reported	11236 S TORRENCE AVE	1 - 2 N	N56	32
Not reported	11600 S BURLEY AVE	1 - 2 ENE	O59	33
Not reported	116TH & BURLEY AVE	1 - 2 ENE	O60	34
Not reported	12233 S AVENUE O	1 - 2 E	P64	35
Not reported	12900 S METRON DR	1 - 2 SW	68	36
Not reported	11919 S AVENUE O	1 - 2 ENE	70	36
Not reported	11835 S AVENUE O	1 - 2 ENE	73	38
Not reported	2250 E 130TH ST	1 - 2 S	S76	39
Not reported	13000 S TORRENCE AVE	1 - 2 S	R77	39

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 04/26/1999 has revealed that there are 23 RCRIS-SQG sites within approximately 1.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AIR LIQUID CORP	10924 S TORRENCE	1/8 - 1/4 NE	A4	6
PAXTON LANDFILL CORP	12201 S OGLESBY	1/4 - 1/2 SSW	B12	10
U S DRUM DISPOSAL CORP	12201 S OGLESBY	1/4 - 1/2 SSW	B13	11
HARBOR VIEW	2000 E 122ND ST	1/4 - 1/2 SW	C16	12
HECKETT PLANT NO 45	11201 TORRENCE AVE	1/4 - 1/2 SSE	18	14
INTERLAKE INC CHICAGO LANDFILL	116TH & TORRENCE AVE	1/2 - 1 NNE	20	14
CALUMET TANK AND EQUIPMENT CO	12440 S STONY ISLAND	1/2 - 1 W	D23	16
PVS CHEMICALS INC/ALLIED CHEM	12260 S CARONDOLET AVE	1/2 - 1 ESE	E27	18
VGN INC PLANT 2	2638 E 126TH ST	1/2 - 1 SSE	F29	21
GLOBE INDUSTRIES CMO	2638 E 126TH ST SITE B	1/2 - 1 SSE	F30	21
IG AUTOTRIM INC	2638 E 126TH ST SITE C	1/2 - 1 SSE	F31	21
PPG/SEATANK (CHICAGO) INC	12200 S STONY ISLAND AV	1/2 - 1 WNW	G34	22
UGN INC PLT 2	2630 E 126TH ST B	1/2 - 1 SSE	F35	23
WELDED TUBE CO OF AMERICA	1855 E 122ND ST	1/2 - 1 WSW	H36	23
GREAT LAKES CARBON CORP CALUME	2701 EAST 114TH ST	1/2 - 1 NNE	J40	25
HERTZ PENSKE TRUCK LEASING INC	1701 E 122ND ST	1/2 - 1 WSW	K45	28
HECKETT PLANT NO 3	12315 S BURLEY AVE	1/2 - 1 ESE	53	31
SCRAP CORP OF AMERICA	12901 STONY ISLAND	1/2 - 1 SW	M54	31
BRIGHT ORVILLE T ELEMENTARY	10501 S TORRENCE AVE	1 - 2 N	N61	34
WALGREENS 1011	3514 E 118TH ST	1 - 2 ENE	62	34
GRISSOM VIRGIL SCHOOL	12810 S ESCANABA	1 - 2 SSE	63	34
GALLO EQUIPMENT	11835 S AVE O	1 - 2 E	67	36
MARSULEX INC	2250 E 130TH ST	1 - 2 S	S75	38

EXECUTIVE SUMMARY

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 04/26/1999 has revealed that there are 10 RCRIS-LQG sites within approximately 1.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN INCINERATION	2200 E 119TH ST	1/4 - 1/2 WNW 7		7
ACME STEEL COKE PLANT	11236 TORRENCE AVE	1/2 - 1 SSE 21		15
THE STEEL COMPANY	12500 S STONY ISLAND AV	1/2 - 1 W 24		16
FERALLOY CORP	12550 S STONEY ISLAND A	1/2 - 1 WSW 25		17
SEATANK INC/BULK TERMINALS CO	12200 S STONY ISLAND AV	1/2 - 1 WNW G33		22
FORD MOTOR CO CHICAGO ASSEMBLY	12600 S TORRENCE	1/2 - 1 S I39		24
SPRAYLAT CORP	1701 E 122ND ST	1/2 - 1 WSW K48		29
REPUBLIC ENGINEERED STEELS INC	11610 AVENUE O	1/2 - 1 ENE L49		29
LTV STEEL CO CHICAGO WORKS	11600 S BURLEY AVE	1 - 2 ENE O58		32
CHEM-CLEAR	118TH & STONY ISLAND RO	1 - 2 NNW Q72		37

NIPC: NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites that previously had never been identified largely because, prior to 1971, there was no obligation to register such sites. The data come from the Northeastern Illinois Planning Commission's Solid Waste Landfill Inventory.

A review of the Plan Comm list, as provided by EDR, has revealed that there are 8 Plan Comm sites within approximately 1.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
120TH WEST OF TORRENCE AVE		1/8 - 1/4 E	1	6
119TH WEST OF TORRENCE AVE		1/8 - 1/4 NE	A2	6
PAXTON LANDFILL COMPANY		1/4 - 1/2 SSW	B10	10
118TH WEST OF TORRENCE AVE		1/4 - 1/2 NNE	11	10
PAXTON LANDFILL COMPANY - #2		1/4 - 1/2 SSW	B14	12
123RD WEST OF TORRENCE AVE		1/4 - 1/2 SSE	15	12
BULK TERMINAL		1/2 - 1 WNW	G32	22
113TH/AVENUE O		1 - 2 NE	84	42

(Coal Gas) Former Manufactured gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 5 Coal Gas sites within approximately 2 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SLAG PRODUCTS INC. GAS HOLDER	S. BUFFALO & 118TH	1 - 2 ENE	57	32
REPUBLIC STEEL CORP. 114TH STR	SOUTH BURLEY AVE.	1 - 2 NE	69	36
PEOPLES GAS LIGHT & COKE CO. 1	2625 E. 110TH STREET	1 - 2 N	78	39
PEOPLES GAS LIGHT AND COKE	2535 E. 110TH STREET.	1 - 2 N	79	40
INTERNATIONAL HARVESTER CO. WI	S. TORRENCE	1 - 2 NNE	80	40

EXECUTIVE SUMMARY

Mines: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the MINES list, as provided by EDR, and dated 08/01/1998 has revealed that there is 1 MINES site within approximately 1.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CARGILL SALT INC	.	1/2 - 1 E	52	30

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
PAXTON LANDFILL #2	SHWS
PAXTON AVENUE LAGOONS	SHWS
LAND & LAKES #3/HARBOR VIEW LANDFI	SWF/LF
GROOT INDUSTRIES/CHICAGO TRANSFER	SWF/LF
CHICAGO DEPT. OF TRANSPORTATION	LUST
CHICAGO, CITY OF	LUST
CHICAGO, CITY OF	LUST
SHERWIN WILLIAMS PAINT CO.	LUST
PINES TRAILOR PARTNERSHIP	LUST
AMERICAN AIRLINES	LUST
CHICAGO PARK DIST.	LUST
SHELL OIL CO.	LUST
ILLINOIS INSTITUTE OF TECHNOLOGY	LUST
CHICAGO PARK DIST.	LUST
CONRAIL	LUST
PET INC.	LUST
PAUL STETAN & ASSOC.	LUST
LASALLE PARTNERS MGMT. LTD.	LUST
AMOCO OIL CO.	LUST
METRO PIER & EXPO AUTHORITY	LUST
METRO PIER & EXPO AUTHORITY	LUST
AMOCO OIL CO. #5087	LUST
SHELL OIL CO.	LUST
SIGNATURE FLIGHT SUPPORT	LUST
MOBIL OIL CO.	LUST
COOK COUNTY	LUST
R.L. DUKES OLDS INC.	LUST
CARDELL WESTINGHOUSE	LUST
CAR CARRIERS INC.	LUST
STEEL SUPPLY OF U.S. METALSOURCE	LUST
FORD MOTOR CO.	LUST
FORD MOTOR CO.	LUST
NU-CAR CARRIERS INC.	LUST
INTER STATE BRANDS CORP.	LUST
CHICAGO DEPT. OF HOUSING	LUST
AMOCO OIL CO. #5912	LUST
127TH & DOTY AVE	UST
12315 S BURLEY AVE	UST
13707 S JEFFERY AVE	UST
1030W 111TH ST	UST
CHICAGO HOUSING AUTHORITY	FINDS, RCRIS-LQG

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		2.000	0	0	0	0	0	0
Delisted NPL	TP		NR	NR	NR	NR	NR	0
RCRIS-TSD		1.500	0	0	0	2	3	5
State Haz. Waste		2.000	0	0	0	0	0	0
CERCLIS		1.500	0	1	4	3	1	9
CERC-NFRAP	TP		NR	NR	NR	NR	NR	0
CORRACTS		2.000	0	0	1	1	4	6
State Landfill		1.500	0	0	1	0	1	2
LUST		1.500	0	1	0	4	5	10
UST		1.250	0	1	2	10	9	22
RAATS	TP		NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		1.250	0	1	4	13	5	23
RCRIS Lg. Quan. Gen.		1.250	0	0	1	7	2	10
HMIRS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
Illinois Planning Comm.		1.500	0	2	4	1	1	8
CAT	TP		NR	NR	NR	NR	NR	0
ROD		2.000	0	0	0	0	0	0
CONSENT		2.000	0	0	0	0	0	0
Coal Gas		2.000	0	0	0	0	5	5
MINES		1.250	0	0	0	1	0	1

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

<p align="center">MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP</p>
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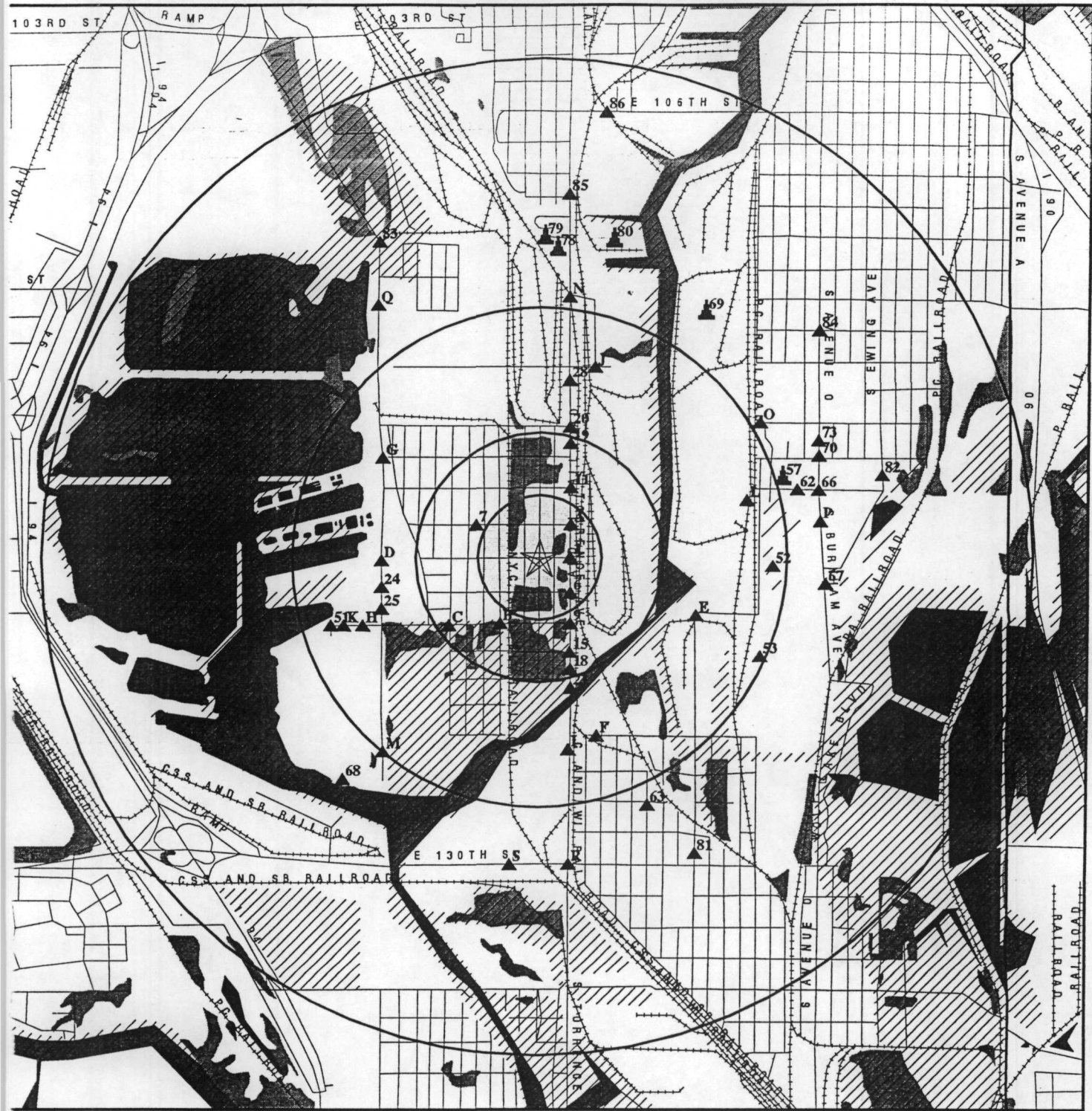
Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		2.000	0	0	0	0	0	0
Delisted NPL	TP		NR	NR	NR	NR	NR	0
RCRIS-TSD		1.500	0	0	0	2	3	5
State Haz. Waste		2.000	0	0	0	0	0	0
CERCLIS		1.500	0	1	4	3	1	9
CERC-NFRAP	TP		NR	NR	NR	NR	NR	0
CORRACTS		2.000	0	0	1	1	4	6
State Landfill		1.500	0	0	1	0	1	2
LUST		1.500	0	1	0	4	5	10
UST		1.250	0	1	2	10	9	22
RAATS	TP		NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		1.250	0	1	4	13	5	23
RCRIS Lg. Quan. Gen.		1.250	0	0	1	7	2	10
HMIRS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
Illinois Planning Comm.		1.500	0	2	4	1	1	8
CAT	TP		NR	NR	NR	NR	NR	0
ROD		2.000	0	0	0	0	0	0
CONSENT		2.000	0	0	0	0	0	0
Coal Gas		2.000	0	0	0	0	5	5
MINES		1.250	0	0	0	1	0	1

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

OVERVIEW MAP - 0383473.1r - Mostardi-Platt Associates



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Coal Gasification Sites (if requested)

National Priority List Sites

Landfill Sites

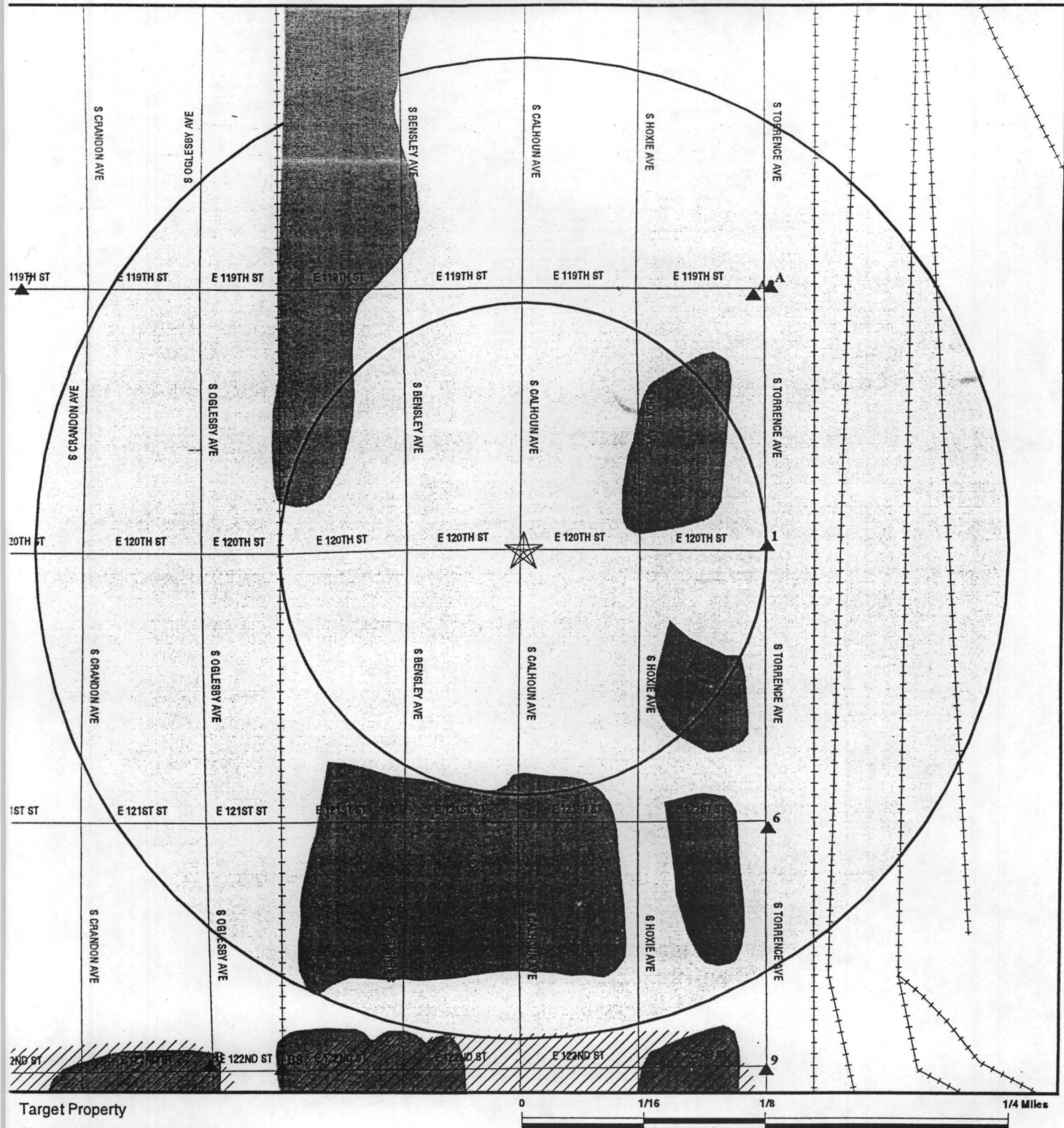
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)



TARGET PROPERTY: Indian Ridge Marsh
ADDRESS: 122nd St+Torrence Ave
CITY/STATE/ZIP: Chicago IL 60617
LAT/LONG: 41.6771 / 87.5616

CUSTOMER: Mostardi-Platt Associates
CONTACT: Michele Biewer
INQUIRY #: 0383473.1r
DATE: June 29, 1999 9:19 am

DETAIL MAP - 0383473.1r - Mostardi-Platt Associates



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Coal Gasification Sites (if requested)

Sensitive Receptors

National Priority List Sites

Landfill Sites

-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  Wetlands per National Wetlands Inventory (1994)

TARGET PROPERTY: Indian Ridge Marsh
 ADDRESS: 122nd St+Torrence Ave
 CITY/STATE/ZIP: Chicago IL 60617
 LAT/LONG: 41.6771 / 87.5616

CUSTOMER: Mostardi-Platt Associates
 CONTACT: Michele Biewer
 INQUIRY #: 0383473.1r
 DATE: June 29, 1999 9:22 am

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
East
1/8-1/4
662
Higher
120TH WEST OF TORRENCE AVE
CHICAGO, IL

Plan Comm S100790136
N/A

A2
NE
1/8-1/4
923
Higher
119TH WEST OF TORRENCE AVE
CHICAGO, IL

Plan Comm S100790135
N/A

A3
NE
1/8-1/4
955
Higher
AIR LIQUIDE AMERICA CORP.
10924 S TORRENCE AVE
CHICAGO, IL

LUST S102943622
N/A

LUST:
IL EPA ID: 316005661
Incident Number: 960077

A4
NE
1/8-1/4
955
Higher
AIR LIQUID CORP
10924 S TORRENCE
CHICAGO, IL 60617

RCRIS-SQG 1000986648
FINDS ILR000001776

RCRIS:
Owner: AIR LIQUID CORP
(312) 731-0424
Contact: KEVIN CASEY
(312) 731-0424
Record Date: 03/14/1995
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

A5
NE
1/8-1/4
970
Higher
US DRUM II
2400 E 119TH ST
CHICAGO, IL 60617

CERCLIS 1000192226
FINDS ILD981961667
CAT

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Unknown
Contact: GRACE CO
Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Contact Tel: (312) 353-6779
Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION
Assessment: HRS PACKAGE
Assessment: DISCOVERY

Completed: 19831230
Completed: 19840401
Completed: 19840406
Completed: 19870901

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

US DRUM II (Continued)

EDR ID Number
EPA ID Number

1000192226

Assessment: PRELIMINARY ASSESSMENT Completed: 19920415
Assessment: EXPANDED SITE INSPECTION Completed: 19951109
CERCLIS Site Status:
Recommended for HRS Scoring
CAT:
Facility ID: Not reported
Facility Type: Not reported

6
SE
1/8-1/4
1004
Higher

12201 S TORRENCE AVE
CHICAGO, IL

UST

U001142087
N/A

UST:

Facility ID: 2-013667
Status: CLOSED
Total Tanks: 0
Owner Name: CARGILL INC
Contact: YOERG KEN
Phone #: (312) 375-7255

7
WNW
1/4-1/2
1529
Higher

AMERICAN INCINERATION
2200 E 119TH ST
CHICAGO, IL 60617

CERCLIS
FINDS
RCRIS-LQG
CORRACTS

1000427289
ILD000716852

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Other	NPL Status:	Not on the NPL
Contact:	ROSITA CLARKE-MORENO	Contact Tel:	(312) 886-7251
Contact:	GRACE CO	Contact Tel:	(312) 353-6779
Contact:	GAIL GINSBERG	Contact Tel:	(312) 886-6675
Contact:	JANET PFUNDHELLER	Contact Tel:	(312) 353-5821
Contact:	BRUCE SYPNIEWSKI	Contact Tel:	(312) 886-6189

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	19800801
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19821201
Assessment:	REGIONAL ATTORNEY ASSIGNED	Completed:	19830601
Assessment:	REMOVAL	Completed:	19840217
Assessment:	NON-NPL PRP SEARCH	Completed:	19840815
Assessment:	SITE INSPECTION	Completed:	19840901
Assessment:	HRS PACKAGE	Completed:	19860403
Assessment:	CLAIM IN BANKRUPTCY PROCEEDING	Completed:	19860510
Assessment:	ADMIN ORDER ON CONSENT	Completed:	19861009
Assessment:	CONSENT DECREE	Completed:	19881021
Assessment:	SECTION 107 LITIGATION	Completed:	19881021
Assessment:	EXPANDED SITE INSPECTION	Completed:	19950929

CERCLIS Site Status:

Recommended for HRS Scoring

CERCLIS Alias Name(s):

ALBURN INC LIQUID WASTE INCIN
PROFESSIONAL CONSTRUCTION
PROFESSIONAL SALES INC
HAAS INC
CAL-HARBOR DEVELOPMENT

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN INCINERATION (Continued)

1000427289

EARTH II
ANTHONSEN'S LDFL
EARTH II
ANTHONSEN'S LDFL
ALBURN INC
ALBURN INC

CORRACTS Data:

Prioritization: Medium
Status: Not reported

RCRIS:

Owner: NA
(815) 844-6188
Contact: SHARON CARTER
(312) 886-0398

Record Date: 07/16/1984

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: Violation information exist

There are 29 violation record(s) reported at this site:

Evaluation

Compliance Evaluation Inspection (CEI)

Area of Violation

TSD-Other Requirements
Generator-All Requirements
Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Incineration Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Groundwater Monitoring Requirements
TSD-Closure/Post Closure Requirements
TSD-Closure/Post Closure Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
Generator-All Requirements
Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Incineration Requirements

Date of
Compliance

Compliance Evaluation Inspection (CEI)

MAP FINDINGS

EDR ID Number
EPA ID Number

AMERICAN INCINERATION (Continued)

1000427289

TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Groundwater Monitoring Requirements
TSD-Closure/Post Closure Requirements
TSD-Closure/Post Closure Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
Generator-All Requirements
Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Incineration Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Groundwater Monitoring Requirements
TSD-Closure/Post Closure Requirements
TSD-Financial Responsibility Requirements
TSD-Other Requirements
TSD-Other Requirements

Compliance Evaluation Inspection (CEI)

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)

**B8
SSW
1/4-1/2
1541
Higher**

2000 E 122ND ST
PARK RIDGE, IL

UST

U000782651
N/A

UST:

Facility ID: 2-026863
Status: ACTIVE
Total Tanks: 1
Owner Name: LAND & LAKES CO
Contact: BATLERSON MARK
Phone #: (312) 646-1138

9
SSE
1/4-1/2
1553
Higher

MSD #4 SLUDGE & BARREL DUMP
SOUTH OF 122ND & W OF TORRENCE
CHICAGO, IL 60633

**CERCLIS
FINDS**

1000100284
ILD980498349

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MSD #4 SLUDGE & BARREL DUMP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000100284

CERCLIS Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

Contact: GRACE CO

Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

Contact Tel: (312) 353-6779

Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Assessment: HRS PACKAGE

Assessment: EXPANDED SITE INSPECTION

Completed: 19800601

Completed: 19840101

Completed: 19841201

Completed: 19850929

Completed: 19950929

CERCLIS Site Status:

Recommended for HRS Scoring

B10
SSW
1/4-1/2
1623
Higher

PAXTON LANDFILL COMPANY

Plan Comm

S100789991
N/A

CHICAGO, IL

11
NNE
1/4-1/2
1630
Higher

118TH WEST OF TORRENCE AVE

Plan Comm

S100790134
N/A

CHICAGO, IL

B12
SSW
1/4-1/2
1633
Higher

PAXTON LANDFILL CORP

12201 S OGLESBY

CHICAGO, IL 60633

CERCLIS

1000416989

RCRIS-SQG

ILD069498186

FINDS

CERCLIS Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

Contact: GRACE CO

Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

Contact Tel: (312) 353-6779

Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: DISCOVERY

Assessment: HRS PACKAGE

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Assessment: EXPANDED SITE INSPECTION

Completed: 19790401

Completed: 19820801

Completed: 19840301

Completed: 19860718

Completed: 19950818

CERCLIS Site Status:

Recommended for HRS Scoring

CERCLIS Alias Name(s):

PAXTON LDFL

US DRUM

US DRUM PAXTON LDFL

119TH & PAXTON SITE

PAXTON II LDFL

PAXTON LDFL CORP

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PAXTON LANDFILL CORP (Continued)

1000416989

RCRIS:

Owner: PAXTON LANDFILL CORPORATION
(312) 646-0981

Contact: DAN SMITH
(312) 646-0981

Record Date: 07/10/1980

Classification: Not reported

Used Oil Recyc: No

Violation Status: Violation information exist

--

There are 19 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989
Non-Financial Record Review	TSD-Other Requirements	
	TSD-Other Requirements	
	TSD-Other Requirements	
	TSD-Other Requirements	
	TSD-Other Requirements	
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
	TSD-Other Requirements	04/12/1989
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989
	TSD-Groundwater Monitoring Requirements	02/16/1989

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)

B13
SSW
1/4-1/2
1633
Higher
U S DRUM DISPOSAL CORP
12201 S OGLESBY
CHICAGO, IL 60633

RCRIS-SQG 1000111189
FINDS ILT180011785

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

U S DRUM DISPOSAL CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000111189

RCRIS:

Owner: PAXTON LANDHILL CORP
(312) 555-1212

Contact: DAN SMITH
(312) 785-1800

Record Date: 08/12/1980

Classification: Hazardous Waste Transporter

Used Oil Recyc: No

Violation Status: No violations found

B14
SSW
1/4-1/2
1635
Higher

PAXTON LANDFILL COMPANY - #2
CHICAGO, IL

Plan Comm

S100790020
N/A

15
SSE
1/4-1/2
2108
Higher

123RD WEST OF TORRENCE AVE
CHICAGO, IL

Plan Comm

S100790137
N/A

C16
SW
1/4-1/2
2391
Higher

HARBOR VIEW
2000 E 122ND ST
CHICAGO, IL 60633

CERCLIS
RCRIS-SQG
FINDS
RAATS

1000182554
ILD000672790

CERCLIS Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

Contact: GRACE CO

Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

Contact Tel: (312) 353-6779

Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Assessment: EXPANDED SITE INSPECTION

Completed: 19800801

Completed: 19870611

Completed: 19870611

Completed: 19960415

CERCLIS Site Status:

Recommended for HRS Scoring

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HARBOR VIEW (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000182554

RCRIS:

Owner: STONY ISLAND RECLAMATION CO
(708) 825-5000

Contact: JAMES COWHEY
(312) 825-5000

Record Date: 08/18/1980

Classification: Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	3060.10	D006	807.53
D008	13082.34	D018	381.91
D039	381.91	D040	381.91

Used Oil Recyc: No

Violation Status: No violations found

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Enforcement Docket System (DOCKET)

Permit Compliance System (PCS)

C17
SW
1/4-1/2
2391
Higher

LAND AND LAKES - DOLTON

SWF/LF

S101614891
N/A

COOK (County), IL

LF:

Facility ID: Not reported
Facility Status: Not reported
Contact: LAND AND LAKES COMPANY
Contact Address: 123 NORTH NW HIGHWAY P.O. BOX 778
PARK RIDGE 60068

Contact Phone: (312) 825-5000

Owner: Not reported

Owner Address: Not reported

Owner Phone: Not reported

Operator: Not reported

Operator Addr: Not reported

Operator Phone: Not reported

Design Capacity Airspace:

Not reported

Total Permitted Landfill:

Not reported

Permitted Disposal Area:

Not reported

Highest Permitted Elevation Feet:

Not reported

Leachate Monitoring Wells:

Not reported

Groundwater Monitoring Wells:

Not reported

Methane Collection System:

Not reported

Years Remaining (estimated by landfill):

Not reported

Years Permitted - Year Expected to Close:

Not reported

Waste Accepted:

Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

18
SSE
1/4-1/2
2459
Higher

HECKETT PLANT NO 45
11201 TORRENCE AVE
CHICAGO, IL 60617

RCRIS-SQG
FINDS

1000269927
ILD981531254

RCRIS:

Owner: HARSCO CORP
(312) 555-1212
Contact: JAMES MOONEY
(312) 731-9418
Record Date: 07/28/1986
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

19
NNE
1/4-1/2
2508
Higher

11700 S TORRENCE AVE
CHICAGO, IL

UST

U000791335
N/A

UST:

Facility ID: 2-008861
Status: CLOSED
Total Tanks: 0
Owner Name: CONTINENTAL GRAIN CO
Contact: GRABAU LEE
Phone #: (312) 375-1830

20
NNE
1/2-1
2839
Higher

INTERLAKE INC CHICAGO LANDFILL
116TH & TORRENCE AVE
CHICAGO, IL 60617

CERCLIS
RCRIS-SQG
FINDS

1000215913
ILD000810432

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Other
Contact: GRACE CO
Contact: THOMAS KENNEY
Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Contact Tel: (312) 353-6779
Contact Tel: (312) 886-0708
Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION

Completed: 19800801
Completed: 19860311
Completed: 19910628

CERCLIS Site Status:

Low

CERCLIS Alias Name(s):

INTERLAKE INC CHICAGO LDFL
INTERLAKE PROPERTY W H I

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTERLAKE INC CHICAGO LANDFILL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000215913

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212

Contact: F KRIKAU
(312) 849-2500

Record Date: 08/18/1980

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)

21
SSE
1/2-1
2842
Higher

ACME STEEL COKE PLANT
11236 TORRENCE AVE
CHICAGO, IL 60617

FINDS
RCRIS-LQG
TRIS
TSCA

1000215917
ILD000810457

RCRIS:

Owner: ACME STEEL CO
(312) 849-2500

Contact: DWAYNE DAVIS
(708) 849-2500

Record Date: 08/18/1980

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D002	0.00	D008	2848.00
D018	2848.00	D039	2848.00
D040	2848.00		

Used Oil Recyc: No

Violation Status: Violation information exist

There are 4 violation record(s) reported at this site:

Evaluation

A Significant Non-Complier (SNC)
Compliance Evaluation Inspection (CEI)
Compliance Evaluation Inspection (CEI)

Area of Violation

TSD-Other Requirements
TSD-Other Requirements
Generator-All Requirements
Generator-All Requirements
Generator-Land Ban Requirements

Date of
Compliance

04/25/1995
04/25/1995
04/25/1995

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ACME STEEL COKE PLANT (Continued)

1000215917

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)

D22
West
1/2-1
3370
Higher

12440 S STONY ISLAND AVE
CHICAGO, IL

UST

U000865947
N/A

UST:

Facility ID: 2-001621
Status: ACTIVE
Total Tanks: 1
Owner Name: TRANSPORT SER CO
Contact: VAN PELT, W. T.
Phone #: (312) 563-4122

D23
West
1/2-1
3376
Higher

CALUMET TANK AND EQUIPMENT CO
12440 S STONY ISLAND
CHICAGO, IL 60633

RCRIS-SQG
FINDS
LUST

1000426241
ILD082070780

RCRIS:

Owner: FANCHER DALE F
(312) 555-1212

Contact: DALE FANCHER
(312) 646-6662

Record Date: 08/18/1980

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

LUST:

IL EPA ID: 316555005
Incident Number: 981217

24
West
1/2-1
3423
Higher

THE STEEL COMPANY
12500 S STONY ISLAND AVE
CHICAGO, IL 60633

FINDS
RCRIS-LQG
TRIS

1000166256
ILD057836256

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THE STEEL COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000166256

RCRIS:

Owner: STEEL COMPANY THE
(312) 555-1212

Contact: GIRISH GUPTA
(312) 646-3600

Record Date: 12/23/1997

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: Violation information exist

There are 17 violation record(s) reported at this site:

Evaluation

Other Evaluation
Compliance Evaluation Inspection (CEI)

Compliance Evaluation Inspection (CEI)

Area of Violation

Generator-All Requirements
Generator-All Requirements
Generator-All Requirements
Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Financial Responsibility Requirements
TSD-Financial Responsibility Requirements
TSD-Other Requirements

Date of
Compliance

06/11/1990
07/19/1990
06/11/1990
06/11/1990

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
National Compliance Database (NCDB)

25
WSW
1/2-1
3531
Higher
FERALLOY CORP
12550 S STONEY ISLAND AVE
CHICAGO, IL 60633

FINDS 1001127098
RCRIS-LQG ILR000034025

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FERALLOY CORP (Continued)

EDR ID Number
EPA ID Number

1001127098

RCRIS:

Owner: CORPORATION
(773) 646-4900

Contact: AL PALANSKY
(773) 646-4900

Record Date: 01/24/1997

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation
Non-Financial Record Review

Area of Violation
Generator-All Requirements

Date of Compliance
09/25/1998

E26
ESE
1/2-1
3556
Higher

12260 S CARONDOLET AVE
CHICAGO, IL

UST

U001142976
N/A

UST:

Facility ID: 2-022004
Status: ACTIVE
Total Tanks: 5
Owner Name: PVS CHEMICALS INC
Contact: SMYSER, DALE
Phone #: (312) 933-8800

E27
ESE
1/2-1
3556
Higher

PVS CHEMICALS INC/ALLIED CHEM
12260 S CARONDOLET AVE
CHICAGO, IL 60633

CERCLIS 1000248910
RCRIS-SQG ILD001833714
FINDS
TRIS
RCRIS-TSD
RAATS
TSCA
CORRACTS

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Other
Contact: GRACE CO
Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Contact Tel: (312) 353-6779
Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION
Assessment: EXPANDED SITE INSPECTION

Completed: 19790401
Completed: 19840901
Completed: 19860923
Completed: 19970604

CERCLIS Site Status:

Recommended for HRS Scoring

CERCLIS Alias Name(s):

CALUMET WKS
CALUMET PLT

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PVS CHEMICALS INC/ALLIED CHEM (Continued)

1000248910

ALLIED CORP
ALLIED CORP

CORRACTS Data:

Prioritization: Medium
Status: RCRA Facility Assessment Completed

RCRIS:

Owner: ALLIED CHEMICAL CORP
(312) 933-8800

Contact: C NIELSEN
(312) 933-8810

Record Date: 08/12/1980

Classification: Conditionally Exempt Small Quantity Generator, TSDf, Hazardous Waste Transporter

Used Oil Recyc: No

TSDf Activities: Not reported

Violation Status: Violation information exist

There are 27 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	03/20/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	09/22/1987
	TSD-Other Requirements	12/23/1992
	TSD-Other Requirements	12/23/1992
	Generator-All Requirements	07/26/1989
	TSD-Other Requirements	07/26/1989
	TSD-Other Requirements	07/26/1989
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/26/1989
	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	09/22/1987
	TSD-Other Requirements	09/22/1987
	TSD-Other Requirements	12/23/1992
	TSD-Other Requirements	12/23/1992
Other Evaluation	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PVS CHEMICALS INC/ALLIED CHEM (Continued)

1000248910

	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	09/22/1987
	TSD-Other Requirements	09/22/1987
	TSD-Other Requirements	12/23/1992
	TSD-Other Requirements	12/23/1992
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	03/20/1991
	TSD-Groundwater Monitoring Requirements	03/20/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	06/04/1987
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	03/20/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	06/04/1987
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	07/17/1989
	TSD-Other Requirements	06/04/1987
	TSD-Financial Responsibility Requirements	07/17/1989
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	07/18/1991
	TSD-Financial Responsibility Requirements	07/18/1991
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	
	TSD-Groundwater Monitoring Requirements	
	TSD-Groundwater Monitoring Requirements	
	TSD-Groundwater Monitoring Requirements	
	TSD-Groundwater Monitoring Requirements	

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Permit Compliance System (PCS)

28
North
1/2-1
3798
Higher

SUN MACHINE PARTS
10655 TORRENCE AVENUE
CHICAGO, IL 60617

CERCLIS
FINDS
1001201180
ILD001994722

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Not reported	NPL Status:	Not on the NPL
Contact:	GRACE CO	Contact Tel:	(312) 353-6779
Site Description:	Abandon building containing friable asbestos and drums with flammable lead based paint.		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	19970116
Assessment:	NON-NPL PRP SEARCH	Completed:	19970304
Assessment:	UNILATERAL ADMIN ORDER	Completed:	19970912
Assessment:	REMOVAL	Completed:	Not reported

CERCLIS Site Status:

Cleaned up

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SUN MACHINE PARTS (Continued)

EDR ID Number
EPA ID Number

1001201180

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)

**F29
SSE
1/2-1
3965
Higher**

**VGN INC PLANT 2
2638 E 126TH ST
CHICAGO, IL 60633**

**RCRIS-SQG 1000462756
FINDS ILD980267249**

RCRIS:

Owner: VGN INC

Contact: JULIE FASO
(708) 758-0211

Record Date: 04/24/1991

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**F30
SSE
1/2-1
3965
Higher**

**GLOBE INDUSTRIES CMO
2638 E 126TH ST SITE B
CHICAGO, IL 60633**

**RCRIS-SQG 1000907429
FINDS ILR0000644302**

RCRIS:

Owner: GLOBE INDUSTRIES CMO
(312) 646-7787

Contact: JULIE DIGIANNANTONIO
(312) 646-7787

Record Date: 08/16/1994

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

**F31
SSE
1/2-1
3965
Higher**

**IG AUTOTRIM INC
2638 E 126TH ST SITE C
CHICAGO, IL 60633**

**RCRIS-SQG 1000986517
FINDS ILR000000463**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

IG AUTOTRIM INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000986517

RCRIS:

Owner: IG AUTOTRIM INC
(312) 646-7746
Contact: MICHAEL PULLEY
(312) 646-7746
Record Date: 02/23/1995
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

G32
WNW
1/2-1
3972
Higher

BULK TERMINAL

Plan Comm

S100790072
N/A

CHICAGO, IL

G33
WNW
1/2-1
3972
Higher

SEATANK INC/BULK TERMINALS CO
12200 S STONY ISLAND AVE
CHICAGO, IL 60633

FINDS
RCRIS-LQG

1000396195
ILD005940762

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212
Contact: THOMAS BROGAN
(312) 646-4448
Record Date: 08/18/1980
Classification: Large Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

G34
WNW
1/2-1
3972
Higher

PPG/SEATANK (CHICAGO) INC
12200 S STONY ISLAND AVE
CHICAGO, IL 60633

RCRIS-SQG
FINDS

1000141296
ILD040877839

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PPG/SEATANK (CHICAGO) INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000141296

RCRIS:

Owner: SEATANK CHICAGO INC
(312) 555-1212

Contact: SCOTT WEIDA
(412) 434-4407

Record Date: 05/04/1981

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

F35
SSE
1/2-1
3972
Higher

UGN INC PLT 2
2630 E 126TH ST B
CHICAGO, IL 60633

RCRIS-SQG 1000708856
FINDS ILD984809095

RCRIS:

Owner: UGN INC

Contact: JULIE FASCO
(312) 646-7717

Record Date: 12/06/1990

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

H36
WSW
1/2-1
4013
Higher

WELDED TUBE CO OF AMERICA
1855 E 122ND ST
CHICAGO, IL 60633

RCRIS-SQG 1000185847
FINDS ILD051091668
TRIS

RCRIS:

Owner: WELDED TUBE CO
(312) 555-1212

Contact: LEON HORSTMANN
(312) 646-4500

Record Date: 05/17/1989

Classification: Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	13109.65	D007	2530.09
D018	35229.01	D035	13109.65
F003	22119.35	F005	32698.92

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WELDED TUBE CO OF AMERICA (Continued)

EDR ID Number
EPA ID Number

1000185847

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

Enforcement Docket System (DOCKET)

National Compliance Database (NCDB)

H37
WSW
1/2-1
4013
Higher

WELDED TUBE CO. OF AMERICA
1855 E 122ND ST
CHICAGO, IL

LUST

S103688688
N/A

LUST:

IL EPA ID: 316005210

Incident Number: 952442

H38
WSW
1/2-1
4019
Higher

1855 E 122ND ST
CHICAGO, IL

UST

U001143297
N/A

UST:

Facility ID: 2-005792

Status: CLOSED

Total Tanks: 0

Owner Name: WELDED TUBE CO OF AMERICA

Contact: HORSTMANN LEON J

Phone #: (312) 646-7875

I39
South
1/2-1
4110
Higher

FORD MOTOR CO CHICAGO ASSEMBLY PLANT
12600 S TORRENCE
CHICAGO, IL 60633

FINDS 1000183668
RCRIS-LQG ILD060364882
TRIS
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Assessment: HRS PACKAGE

CERCLIS-NFRAP Alias Name(s):

FORD MOTOR CO

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

Completed: 19810601

Completed: 19830201

Completed: 19860625

Completed: 19861202

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FORD MOTOR CO CHICAGO ASSEMBLY PLANT (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000183668

RCRIS:

Owner: FORD MOTOR COMPANY
(312) 555-1212

Contact: LESLIE LAUSCH
(312) 646-3100

Record Date: 08/18/1980

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1214468.03	D002	9575.33
D007	67200.00	D008	69964.61
D009	2777.00	D018	2203.59
D039	2203.59	D040	2203.59
F002	561.02	F019	1152129.50

Used Oil Recyc: No

Violation Status: Violation information exist

There are 5 violation record(s) reported at this site:

Evaluation

Compliance Evaluation Inspection (CEI)

Area of Violation

Generator-All Requirements
Generator-All Requirements
Generator-All Requirements
Generator-All Requirements
Generator-All Requirements

Date of
Compliance

04/23/1990
05/23/1991

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)
Permit Compliance System (PCS)

J40
NNE
1/2-1
4191
Higher

GREAT LAKES CARBON CORP CALUME
2701 EAST 114TH ST
CHICAGO, IL 60617

RCRIS-SQG 1000158598
FINDS ILD040891368
TRIS
RCRIS-TSD

RCRIS:

Owner: GREAT LAKES CARBON CORP
(312) 555-1212

Contact: MAURICE SILVESTRI
(215) 826-8789

Record Date: 03/11/1992

Classification: TSDF

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREAT LAKES CARBON CORP CALUME (Continued)

EDR ID Number
EPA ID Number

1000158598

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violation information exist

There are 33 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-Land Ban Requirements	
	Generator-Land Ban Requirements	
	Generator-Land Ban Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-Land Ban Requirements	
	Generator-Land Ban Requirements	
	Generator-Land Ban Requirements	
	TSD-Closure/Post Closure Requirements	01/08/1999
	TSD-Financial Responsibility Requirements	01/08/1999
	TSD-Financial Responsibility Requirements	01/08/1999
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-All Requirements	
	Generator-Land Ban Requirements	
	Generator-Land Ban Requirements	
	Generator-Land Ban Requirements	
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	07/23/1993
	TSD-Financial Responsibility Requirements	07/23/1993
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/23/1993
	Generator-All Requirements	07/23/1993
	Generator-All Requirements	07/23/1993
	Generator-All Requirements	07/23/1993
	Generator-All Requirements	07/23/1993
	Generator-All Requirements	07/23/1993
	Generator-All Requirements	07/23/1993
	TSD-Other Requirements	07/23/1993
	TSD-Other Requirements	07/23/1993
	TSD-Other Requirements	07/23/1993
	TSD-Other Requirements	07/23/1993
	TSD-Other Requirements	07/23/1993

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREAT LAKES CARBON CORP CALUME (Continued)

EDR ID Number
EPA ID Number

Database(s)

TSD-Other Requirements	07/23/1993
TSD-Other Requirements	07/23/1993
TSD-Other Requirements	07/23/1993
TSD-Other Requirements	07/23/1993
TSD-Other Requirements	07/23/1993
Generator-Land Ban Requirements	07/23/1993
Generator-Land Ban Requirements	07/23/1993

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

J41
NNE
1/2-1
4192
Higher

2701 E 114TH ST
CHICAGO, IL

UST

U000173120
N/A

UST:

Facility ID: 2-007707
Status: ACTIVE
Total Tanks: 2
Owner Name: HORSEHEAD RESOURCE DEV CO INC
Contact: MARTA JOHN A
Phone #: (312) 933-9260

I42
South
1/2-1
4263
Higher

12600 S TORRENCE AVE
CHICAGO, IL

UST

U001473590
N/A

UST:

Facility ID: 2-019748
Status: ACTIVE
Total Tanks: 5
Owner Name: FORD MOTOR CO
Contact: UHLE, DANIEL T.
Phone #: (312) 646-3100

K43
WSW
1/2-1
4402
Higher

1701 E 122ND ST
CHICAGO, IL

UST

U000791554
N/A

UST:

Facility ID: 2-019992
Status: DUPLICATE
Total Tanks: 2
Owner Name: HERTZ PENSKE TRUCK LEASING
Contact: NOVAK JIM
Phone #: (312) 671-3434

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K44
WSW
1/2-1
4402
Higher

1701 E 122ND ST
CHICAGO, IL

UST

U000792311
N/A

UST:

Facility ID: 2-023962
Status: ACTIVE
Total Tanks: 9
Owner Name: SPRAYLAT CORPORATION
Contact: SCHMIDT RICHARD
Phone #: (312) 646-3743

K45
WSW
1/2-1
4409
Higher

HERTZ PENSKE TRUCK LEASING INC
1701 E 122ND ST
CHICAGO, IL 60633

RCRIS-SQG
FINDS

1000423695
ILD981793870

RCRIS:

Owner: US STEEL SUPPLY INC
(312) 555-1212

Contact: JAMES NOVAK
(312) 671-3434

Record Date: 11/17/1986

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)

K46
WSW
1/2-1
4409
Higher

SPRAYLAT CORP.
1701 E 122ND ST
CHICAGO, IL

LUST

S103688567
N/A

LUST:

IL EPA ID: 316005086
Incident Number: 932699

K47
WSW
1/2-1
4409
Higher

SPRAYLAT CORP.
1701 E 122ND ST
CHICAGO, IL

LUST

S103688568
N/A

LUST:

IL EPA ID: 316005086
Incident Number: 960597

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K48
WSW
1/2-1
4409
Higher

SPRAYLAT CORP
1701 E 122ND ST
CHICAGO, IL 60633

FINDS
RCRIS-LQG
TRIS

1000161181
ILD000814665

RCRIS:

Owner: U S STEEL CORPORATION
(312) 555-1212

Contact: RICHARD SCHMIDT
(312) 646-5900

Record Date: 08/18/1980

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	217041.12	D005	217041.12
F001	217041.12	F003	217041.12
F005	217041.12		

Used Oil Recyc: No

Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation

Compliance Evaluation Inspection (CEI)

Area of Violation

Generator-All Requirements

Date of

Compliance

02/08/1991

L49
ENE
1/2-1
4579
Higher

REPUBLIC ENGINEERED STEELS INC
11610 AVENUE O
CHICAGO, IL 60617

FINDS
RCRIS-LQG
TRIS

1000424198
ILD984780163

RCRIS:

Owner: REPUBLIC ENGINEERED STEELS INC
(312) 555-1212

Contact: RICHARD KUNTZ
(312) 933-4550

Record Date: 12/07/1989

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	120.40	D002	59214.00
D006	120.40	D007	59214.00
D040	120.40	K062	700240.00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

REPUBLIC ENGINEERED STEELS INC (Continued)

EDR ID Number
EPA ID Number

1000424198

Used Oil Recyc: No

Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation
Compliance Evaluation Inspection (CEI)

Area of Violation
Generator-All Requirements

Date of Compliance
08/05/1991

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

-- National Compliance Database (NCDB)

L50
ENE
1/2-1
4579
Higher

11610 S AVENUE O
CHICAGO, IL

UST

U002112833
N/A

UST:

Facility ID: 2-033808
Status: ACTIVE
Total Tanks: 1
Owner Name: REPUBLIC ENGINEERED STEELS INC
Contact: BRZYCKI JERRY
Phone #: (312) 933-4554

51
WSW
1/2-1
4661
Higher

1600 E 122ND ST
CHICAGO, IL

UST

U001143219
N/A

UST:

Facility ID: 2-003282
Status: ACTIVE
Total Tanks: 2
Owner Name: TOWN & COUNTRY LANDSCAPE SUPPLY
Contact: FRANZE, GLENN
Phone #: (312) 646-0470

52
East
1/2-1
4981
Higher

CARGILL SALT INC
COOK (County), IL

MINES

M000004850
N/A

U.S. MINES:

Mine ID: 1102463
Entity Name: TORRENCE SCREENING P
State FIPS code: 17
Status Date: 04/16/1979
Operation Class: Non-coal mining
Number of Pits: 000
Latitude: 41 40 36

SIC Codes: 14760
Company: CARGILL SALT INC
County FIPS code: 031
Status: permanently abandoned
Number of Shops: 0
Number of Plants: 1
Longitude: 087 32 36

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

53
ESE
1/2-1
5157
Higher

HECKETT PLANT NO 3
12315 S BURLEY AVE
CHICAGO, IL 60633

RCRIS-SQG
FINDS

1000269924
ILD039061908

RCRIS:

Owner: HARSCO CORP
(312) 555-1212

Contact: FRED SCHEUB
(312) 221-0027

Record Date: 07/28/1986

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

M54
SW
1/2-1
5262
Higher

SCRAP CORP OF AMERICA
12901 STONY ISLAND
CHICAGO, IL 60633

RCRIS-SQG
FINDS

1001087322
ILR000020545

RCRIS:

Owner: SCRAP CORP OF AMERICA
(312) 646-2222

Contact: J KANIEWSKI
(312) 646-2222

Record Date: 04/18/1996

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation

Other Evaluation

Area of Violation

TSD-Other Requirements

Date of
Compliance

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
National Compliance Database (NCDB)

M55
SW
1/2-1
5269
Higher

12901 S STONY ISLAND AVE
CHICAGO, IL

UST

U000792078
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

U000792078

UST:

Facility ID: 2-015104
Status: ACTIVE
Total Tanks: 2
Owner Name: SCRAP CORP OF AMERICA
Contact: TANG PATRICK
Phone #: (312) 646-2222

N56
North
> 1
5446
Higher

11236 S TORRENCE AVE
CHICAGO, IL

UST

U000173193
N/A

UST:

Facility ID: 2-013261
Status: ACTIVE
Total Tanks: 1
Owner Name: ACME STEEL CO
Contact: POBEREYKO P P
Phone #: (708) 849-2500

57
ENE
> 1
5447
Higher

SLAG PRODUCTS INC. GAS HOLDER
S. BUFFALO & 118TH
CHICAGO, IL 60617

Coal Gas

G000001043
N/A

COAL GAS SITE DESCRIPTION:

1947 Site is on east side of S. Buffalo Ave., south of 117th and north of 118th ins a gas holder. (**Site is Approximate**)

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O58
ENE
> 1
5485
Higher

LTV STEEL CO CHICAGO WORKS
11600 S BURLEY AVE
CHICAGO, IL 60617

FINDS

1000424200

RCRIS-LQG

ILD056623598

TRIS

RCRIS-TSD

TSCA

CORRACTS

CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION
Assessment: HRS PACKAGE

Completed: 19800801

Completed: 19830201

Completed: 19860711

Completed: 19860728

CERCLIS-NFRAP Alias Name(s):

REPUBLIC STEEL CORP CHICAGO DIST LDFL
REPUBLIC STEEL CHGO DIST

CORRACTS Data:

Prioritization: Medium

Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA Facility Investigation

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LTV STEEL CO CHICAGO WORKS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000424200

RCRIS:

Owner: LTV STEEL COMPANY INC
(216) 622-5000

Contact: MIKE THOMAS
(312) 933-4353

Record Date: 10/15/1997

Classification: Large Quantity Generator, TSDF

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	8280.00	D002	3230880.00
D003	5312000.00	D007	7632000.00
D008	1320.00	D009	27.00
D018	7953650.00	D022	1050.00
D038	7632000.00	F002	7150.00
F003	8200.00	F005	8200.00
K087	5200.00	K143	6050.00

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violation information exist

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	04/28/1992
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	02/06/1991
	Generator-All Requirements	02/06/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/14/1989

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)
Permit Compliance System (PCS)

O59
ENE
> 1
5489
Higher

11600 S BURLEY AVE
CHICAGO, IL

UST

U000865483
N/A

UST:

Facility ID: 2-022721
Status: ACTIVE
Total Tanks: 1
Owner Name: LTV STEEL CO INC
Contact: CROSS A H
Phone #: (217) 391-2330

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O60
ENE
> 1
5489
Higher

116TH & BURLEY AVE
CHICAGO, IL

UST

U001142579
N/A

UST:

Facility ID: 2-008494
Status: EXEMPT
Total Tanks: 0
Owner Name: HUNTER CORP
Contact: SPURLOCK JACK
Phone #: (219) 397-0990

N61
North
> 1
5548
Higher

BRIGHT ORVILLE T ELEMENTARY
10501 S TORRENCE AVE
CHICAGO, IL 60617

RCRIS-SQG
FINDS

1000986881
IL0001016732

RCRIS:

Owner: PUBLIC BLDG COMMISSION OF CHICAGO
(312) 744-3050
Contact: RONALD BIEBEL
(708) 261-1100
Record Date: 01/25/1995
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

62
ENE
> 1
5676
Higher

WALGREENS 1011
3514 E 118TH ST
CHICAGO, IL 60617

RCRIS-SQG
FINDS

1001201904
ILR000041400

RCRIS:

Owner: WALLGREENS
(847) 940-2500
Contact: JAMES DALEY
(773) 646-0423
Record Date: 08/08/1997
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

63
SSE
> 1
5725
Higher

GRISSOM VIRGIL SCHOOL
12810 S ESCANABA
CHICAGO, IL 60633

RCRIS-SQG
FINDS

1001127090
ILR000033902

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GRISSOM VIRGIL SCHOOL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001127090

RCRIS:

Owner: CHICAGO PUBLIC SCHOOLS
(773) 535-7039

Contact: THOMAS CONNELLY
(708) 923-0202

Record Date: 10/23/1998

Classification: Conditionally Exempt Small Quantity Generator, Hazardous Waste Transporter

Used Oil Recyc: No

Violation Status: No violations found

P64
East
> 1
6037
Higher

12233 S AVENUE O
CHICAGO, IL

UST

U001142416
N/A

UST:

Facility ID: 2-012151
Status: CLOSED
Total Tanks: 0
Owner Name: EDWARD GRAY CORP
Contact: Not reported
Phone #: Not reported

P65
East
> 1
6037
Higher

EDWARD GRAY CORP.
12233 S AVENUE O
CHICAGO, IL

LUST

S100344165
N/A

LUST:

IL EPA ID: 316555020
Incident Number: 922844

66
ENE
> 1
6113
Higher

AVENUE O & 118TH STREET
AVE O & 118TH ST
CHICAGO, IL 60617

CERCLIS
FINDS

1000125233
ILD981194087

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Other
Contact: GRACE CO
Contact: JANET PFUNDHELLER

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Contact Tel: (312) 353-6779
Contact Tel: (312) 353-5821

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION
Assessment: HRS PACKAGE
Assessment: EXPANDED SITE INSPECTION

Completed: 19860304
Completed: 19860311
Completed: 19860611
Completed: 19860730
Completed: 19970124

CERCLIS Site Status:

Recommended for HRS Scoring

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

67
East
> 1
6132
Higher

GALLO EQUIPMENT
11835 S AVE O
CHICAGO, IL 60617

RCRIS-SQG
FINDS
1000824025
ILD984903872

RCRIS:

Owner: GALLO EQUIP CORP
(312) 374-5515
Contact: ROBERT GALLO
(312) 374-5515
Record Date: 09/09/1992
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation
Compliance Evaluation Inspection (CEI)

Area of Violation
Generator-All Requirements

Date of Compliance
12/08/1992

68
SW
> 1
6261
Higher

12900 S METRON DR
CHICAGO, IL

UST
U001142813
N/A

UST:

Facility ID: 2-029508
Status: CLOSED
Total Tanks: 0
Owner Name: METRON STEEL
Contact: BARNTHOUSE JAMES F
Phone #: (312) 646-4000

69
NE
> 1
6268
Higher

REPUBLIC STEEL CORP. 114TH STREET PLANT.
SOUTH BURLEY AVE.
CHICAGO, IL 60617

Coal Gas
G000001042
N/A

COAL GAS SITE DESCRIPTION:

1947 Gas holder on site of Republic Steel on the west side of Burley north of 114 d east of Calumet River.

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70
ENE
> 1
6319
Higher

11919 S AVENUE O
CHICAGO, IL

UST
U000791403
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

U000791403

UST:

Facility ID: 2-015986
Status: ACTIVE
Total Tanks: 2
Owner Name: EICHLEAY CORP
Contact: O'BRIEN, MARTIN
Phone #: (312) 731-7010

Q71
NNW
> 1
6373
Higher

CLEAN HARBORS SERVICES
11800 S STONY ISLAND AVE
CHICAGO, IL

LUST

S103687944
N/A

LUST:

IL EPA ID: 316000051
Incident Number: 921743

Q72
NNW
> 1
6373
Higher

CHEM-CLEAR
118TH & STONY ISLAND ROAD
CHICAGO, IL 60617

PADS
FINDS
RCRIS-LQG
RCRIS-TSD
CORRACTS
CERC-NFRAP

1000294567
ILD000608471

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Unknown

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT

Completed: 19900717
Completed: 19910730

CERCLIS-NFRAP Alias Name(s):

CHEM-CLEAR
CLEAN HARBORS OF CHICAGO

CORRACTS Data:

Prioritization: Medium
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA
Facility Investigation, RFI Imposition, RFI Workplan Approved

RCRIS Corrective Action Summary:

Effective Date: 09/30/1993
Legal Authority: RCRA 3004(u) or equivalent
Effective Date: 11/04/1993
Legal Authority: RCRA 3004(u) or equivalent

RCRIS:

Owner: CLEAN HARBORS OF CHICAGO
(215) 687-8990
Contact: STEPHEN POZNER
(617) 849-1800
Record Date: 07/29/1980
Classification: Large Quantity Generator, TSDF

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEM-CLEAR (Continued)

EDR ID Number
EPA ID Number

1000294567

Used Oil Recyc: Yes

TSDF Activities: marketing of off-specification used oil, directing shipments of used oil to burners, accepts waste from off-site

Violation Status: Violation information exist

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	03/17/1992
	TSD-Financial Responsibility Requirements	03/17/1992
	TSD-Financial Responsibility Requirements	03/17/1992
	TSD-Financial Responsibility Requirements	03/17/1992
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	02/07/1991

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

PCB Handler Activity Data System (PADS)

73
ENE
> 1
6436
Higher

11835 S AVENUE O
CHICAGO, IL

UST

U001142483
N/A

UST:

Facility ID: 2-013731
Status: ACTIVE
Total Tanks: 5
Owner Name: GALLO EQUIPMENT CO
Contact: WAGENAAR, GARY W.
Phone #: (312) 374-5515

R74
South
> 1
6521
Higher

SINGER, MIKE
13000 S TORRENCE AVE
CHICAGO, IL

LUST

S100757856
N/A

LUST:

IL EPA ID: 316555025
Incident Number: 933023

S75
South
> 1
6522
Higher

MARSULEX INC
2250 E 130TH ST
CHICAGO, IL 60633

RCRIS-SQG
FINDS

1000390229
ILD106395163

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MARSULEX INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000390229

RCRIS:

Owner: MARSULEX INC
(312) 555-1212
Contact: JIM DUDZIK
(312) 646-2500
Record Date: 09/14/1988
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

S76
South
> 1
6527
Higher

2250 E 130TH ST
CHICAGO, IL

UST

U001142071
N/A

UST:

Facility ID: 2-021543
Status: ACTIVE
Total Tanks: 1
Owner Name: C I L CORP OF AMERICA
Contact: VET, THOMAS D.
Phone #: (312) 646-2500

R77
South
> 1
6533
Higher

13000 S TORRENCE AVE
CHICAGO, IL

UST

U000865186
N/A

UST:

Facility ID: 2-015097
Status: CLOSED
Total Tanks: 0
Owner Name: SINGER MIKE
Contact: SINGER MIKE
Phone #: (708) 799-3379

78
North
> 1
6549
Higher

PEOPLES GAS LIGHT & COKE CO. 110TH ST. STATION
2625 E. 110TH STREET
CHICAGO, IL 60655

Coal Gas

G000001034
N/A

COAL GAS SITE DESCRIPTION:

Site is on the south side of E. 110th Street and west of Torrence Ave., northea and Western
Indiana R.R.

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Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

79
North
> 1
6785
Higher

PEOPLES GAS LIGHT AND COKE
2535 E. 110TH STREET.
CHICAGO, IL

Coal Gas G000001036
N/A

COAL GAS SITE DESCRIPTION:

Site is on south side of 110th Street, west of Torrence.

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80
NNE
> 1
6897
Higher

INTERNATIONAL HARVESTER CO. WISCONSIN STEEL WORKS
S. TORRENCE
CHICAGO, IL 60617

Coal Gas G000001014
N/A

COAL GAS SITE DESCRIPTION:

Site is east of Torrence, east of the end of 110th St. Site was on the west bank of River between Wisconsin (North) Slip and Semel Solvay (South) Slip. Site is between Chicago and Western R.R. Lines.

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81
SSE
> 1
7093
Higher

A&D AUTO
12958 S CARONDOLET AVE
CHICAGO, IL

LUST S103687368
N/A

LUST:

IL EPA ID: 316280029
Incident Number: 901634

82
ENE
> 1
7516
Higher

CHICAGO DISPOSAL TRANSFER STATION
11800 S EWING AVE
CHICAGO, IL

SWF/LF S103393329
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHICAGO DISPOSAL TRANSFER STATION (Continued)

S103393329

LF:

Facility ID: 0316465002
Facility Status: Not reported
Contact: Not reported
Contact Address: Not reported
Contact Phone: Not reported
Owner: Chicago Disposal Inc.
Owner Address: Not reported
Owner Phone: Not reported
Operator: Chicago Disposal Inc.
Operator Addr: Not reported
Operator Phone: Not reported
Design Capacity Airspace: Not reported
Total Permitted Landfill: 2
Permitted Disposal Area: Not reported
Highest Permitted Elevation Feet: Not reported
Leachate Monitoring Wells: Not reported
Groundwater Monitoring Wells: Not reported
Methane Collection System: Not reported
Years Remaining (estimated by landfill): Not reported
Years Permitted - Year Expected to Close: 1994
Waste Accepted: Municipal, medical waste

83
NNW
> 1
7524
Higher

SCA CHEM SERV INC ILLINOIS DIV
11700 S STONY ISLAND AVE
CHICAGO, IL 60617

PADS 1000106730
RCRIS-SQG ILD000672121
FINDS
RCRIS-TSD
RAATS
CORRACTS
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Other

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: HRS PACKAGE
Assessment: SITE INSPECTION

Completed: 19790401
Completed: 19830201
Completed: 19840301
Completed: 19840301

CERCLIS-NFRAP Alias Name(s):

ENVIROTHERN ILLINOIS INC
HYON WASTE MANAGEMENT SERV
SCA CHEM SERV INC HYON INCIN
SCA CHEM SERV INC ILLINOIS DIV

CORRACTS Data:

Prioritization: High
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA
Facility Investigation, RFI Imposition, RFI Workplan Approved,
Stabilization Measures Evaluation

RCRIS Corrective Action Summary:

Effective Date: 03/16/1988
Legal Authority: RCRA 3008(h) or equivalent

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SCA CHEM SERV INC ILLINOIS DIV (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000106730

RCRIS:

Owner: SCA CHEM SERVICES INC
(312) 646-0016

Contact: DOUG FISHER
(312) 646-5700

Record Date: 08/18/1980

Classification: TSDF

Used Oil Recyc: No

TSDF Activities: burning and/or blending of hazardous waste, hazardous waste fuel marketing activities, other than generator marketing to a burner, accepts waste from off-site

Violation Status: Violation information exist

There are 14 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	05/04/1995
	TSD-Financial Responsibility Requirements	05/04/1995
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	09/16/1993
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	08/27/1993
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	08/27/1993
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	09/16/1993
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/05/1995
	TSD-Other Requirements	05/05/1995
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/05/1995
	TSD-Other Requirements	08/27/1993
	TSD-Other Requirements	05/05/1995
	TSD-Other Requirements	05/05/1995
	TSD-Other Requirements	05/05/1995
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	10/02/1990
	TSD-Groundwater Monitoring Requirements	09/16/1993
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	10/02/1990
	TSD-Groundwater Monitoring Requirements	10/26/1989
	TSD-Groundwater Monitoring Requirements	10/26/1989
Other Evaluation	TSD-Other Requirements	08/29/1988
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	05/05/1989
Non-Financial Record Review	TSD-Groundwater Monitoring Requirements	06/03/1988

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)
PCB Handler Activity Data System (PADS)

84
NE
> 1
7632
Higher

113TH/AVENUE O
CHICAGO, IL

Plan Comm S100790145
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

85
North
> 1
7707
Higher

AMOCO OIL CO. #9561
10302 S TORRENCE AVE
CHICAGO, IL

LUST

S103687574
N/A

LUST:
IL EPA ID: 316515048
Incident Number: 930748

86
North
> 1
9516
Higher

WISCONSIN STEEL PLT/TRUST 48 00045 9
2800 E 106TH ST
CHICAGO, IL 60617

CERCLIS
FINDS
RCRIS-LQG
RCRIS-TSD
TSCA
CORRACTS
CAT

1000180055
ILD000849737

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Unknown
Contact: GRACE CO
Contact: KENNETH KLEWIN
Contact: JANET PFUNDHELLER
Contact: KEN TINDALL

Federal Facility: Federal Facility
NPL Status: Not on the NPL
Contact Tel: (312) 353-6779
Contact Tel: (312) 886-4794
Contact Tel: (312) 353-5821
Contact Tel: (312) 886-9895

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: INTEGRATED ASSESSMENT
Assessment: SITE INSPECTION

Completed: 19881123
Completed: 19890322
Completed: Not reported
Completed: Not reported

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

WISCONSIN STEEL WORKS

CORRACTS Data:

Prioritization: Low
Status: Not reported

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212

Contact: E HAUSKNECHT
(312) 933-7009

Record Date: 03/30/1984

Classification: Large Quantity Generator, TSDF

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violation information exist

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WISCONSIN STEEL PLT/TRUST 48 00045 9 (Continued)

1000180055

There are 54 violation record(s) reported at this site:

Evaluation
Non-Financial Record Review

Area of Violation
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
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TSD-Other Requirements
TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
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TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements

Date of
Compliance

Compliance Evaluation Inspection (CEI)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WISCONSIN STEEL PLT/TRUST 48 00045 9 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000180055

Other Evaluation

TSD-Other Requirements
Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
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TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements

Compliance Evaluation Inspection (CEI)

Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
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TSD-Other Requirements
TSD-Closure/Post Closure Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements

Compliance Evaluation Inspection (CEI)

Generator-All Requirements
TSD-Other Requirements
TSD-Other Requirements
TSD-Other Requirements

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

Database(s)

1000180055

Compliance Evaluation Inspection (CEI)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WISCONSIN STEEL PLT/TRUST 48 00045 9 (Continued)

EDR ID Number
EPA ID Number

Database(s)

Compliance Evaluation Inspection (CEI)

Generator-All Requirements	11/17/1988
Generator-All Requirements	08/20/1992
Generator-All Requirements	11/17/1988
TSD-Other Requirements	
TSD-Financial Responsibility Requirements	08/20/1992
TSD-Other Requirements	08/20/1992
TSD-Other Requirements	
TSD-Other Requirements	08/20/1992
TSD-Other Requirements	
TSD-Other Requirements	
TSD-Other Requirements	08/20/1992
TSD-Other Requirements	
TSD-Other Requirements	
TSD-Other Requirements	
TSD-Other Requirements	03/22/1994
TSD-Other Requirements	
TSD-Other Requirements	03/22/1994
TSD-Other Requirements	11/17/1988
TSD-Closure/Post Closure Requirements	
TSD-Other Requirements	08/20/1992
TSD-Other Requirements	08/20/1992
TSD-Other Requirements	08/20/1992
TSD-Other Requirements	08/20/1992

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Enforcement Docket System (DOCKET)

CAT:

Facility ID: 0316510002
Facility Type: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
CHICAGO	S103292318	CHICAGO DEPT. OF TRANSPORTATION	100 WEST / 1200 SOUTH PLYMOU		LUST	
CHICAGO	S103687880	CHICAGO, CITY OF	727 E 111TH ST	60628	LUST	
CHICAGO	S103687803	CHICAGO, CITY OF	111TH / MONTERY		LUST	
CHICAGO	S103428124	PAXTON LANDFILL #2	115TH ST. AND STONEY ISLAND AV		SHWS	0316000033
CHICAGO	S103292506	SHERWIN WILLIAMS PAINT CO.	115TH ST. / KINSINGTON AVE.		LUST	
CHICAGO	S103553663	LAND & LAKES #3/HARBOR VIEW LANDFI	2000 E 122ND ST	60633	SWF/LF	0316000034
CHICAGO	U000791610		127TH & DOTY AVE		UST	2-008867
CHICAGO	S103292481	PINES TRAILOR PARTNERSHIP	2655 SOUTH BLUE ISLAND AVE.		LUST	
CHICAGO	U000791545		12315 S BURLEY AVE		UST	2-008463
CHICAGO	S103687419	AMERICAN AIRLINES	AA CARGO FACILITY, 609 SOUTH A		LUST	
CHICAGO	S103687750	CHICAGO PARK DIST.	6700 SOUTH CENTRAL PARK / MA		LUST	
CHICAGO	S103688464	SHELL OIL CO.	11100 SOUTH COLISS		LUST	
CHICAGO	S103553680	GROOT INDUSTRIES/CHICAGO TRANSFER	6747 N. ELMHURST ROAD		SWF/LF	
CHICAGO	S103688164	ILLINOIS INSTITUTE OF TECHNOLOGY	3450 SOUTH FEDERAL		LUST	0316760001
CHICAGO	S103687752	CHICAGO PARK DIST.	MT. GREENWOOD PARK/3721 WEST 1		LUST	
CHICAGO	S103292351	CONRAIL	5956 SOUTH HAMILTON		LUST	
CHICAGO	U001965107		13707 S JEFFERY AVE	60633	UST	2-032946
CHICAGO	S103292478	PET INC.	4411 SOUTH KILBARD		LUST	
CHICAGO	S103292475	PAUL STETAN & ASSOC.	1101 SOUTH LANGLEY		LUST	
CHICAGO	S103688234	LASALLE PARTNERS MGMT. LTD.	135 SOUTH LASALLE ST.		LUST	
CHICAGO	S103687449	AMOCO OIL CO.	5514 SOUTH MARTIN LUTHER KING		LUST	
CHICAGO	S103688295	METRO PIER & EXPO AUTHORITY	2400 SOUTH MARTIN LUTHER KING		LUST	
CHICAGO	S103688296	METRO PIER & EXPO AUTHORITY	2400 SOUTH MARTIN LUTHER KING		LUST	
CHICAGO	S103687542	AMOCO OIL CO. #5087	2501 SOUTH MARTIN LUTHER KING		LUST	
CHICAGO	S103688538	SHELL OIL CO.	9500 SOUTH MARTIN LUTHER KING		LUST	
CHICAGO	S103688550	SIGNATURE FLIGHT SUPPORT	MIDWAY AIRPORT, 5900 SOUTH CIC		LUST	
CHICAGO	S103688309	MOBIL OIL CO.	05A8B MOBILE ST./9901 SOUTH HA		LUST	
CHICAGO	S103428043	PAXTON AVENUE LAGOONS	NORTH OF EAST 122ND STREET	60628	SHWS	0316000067
CHICAGO	1001218822	CHICAGO HOUSING AUTHORITY	10700 S OGLESBY	60617	FINDS, RCRIS-LQG	
CHICAGO	S103687964	COOK COUNTY	2800 SOUTH ROCKWELL		LUST	
CHICAGO	U003104605		1030W 111TH ST		UST	
CHICAGO	S103688421	R.L. DUKES OLDS INC.	7801 SOUTH STATE ST.		LUST	2-035079
CHICAGO	S103687677	CARDELL WESTINGHOUSE	8400 SOUTH STUART		LUST	
CHICAGO	S102943773	CAR CARRIERS INC.	13101 S TORRENCE AVE	60633	LUST	
CHICAGO	S103232347	STEEL SUPPLY OF U.S. METALSOURCE	13535 S TORRENCE AVE	60633	LUST	
CHICAGO	S103688050	FORD MOTOR CO.	12600 S TORRENCE AVE	60633	LUST	
CHICAGO	S103688051	FORD MOTOR CO.	12600 S TORRENCE AVE	60633	LUST	
CHICAGO	S103688362	NU-CAR CARRIERS INC.	13511 S TORRENCE AVE	60633	LUST	
CHICAGO	S103292409	INTER STATE BRANDS CORP.	7816 SOUTH VINCENSE		LUST	
CHICAGO	S103292317	CHICAGO DEPT. OF HOUSING	211-17 SOUTH WEST HILL ST.		LUST	
CHICAGO	S103687556	AMOCO OIL CO. #5912	4653 SOUTH WESTERN		LUST	

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D022	CHLOROFORM
D035	METHYL ETHYL KETONE
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

EPA Waste Codes Addendum

Code	Description
	CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F019	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
K062	SPENT PICKLE LIQUOR GENERATED BY STEEL FINISHING OPERATIONS OF FACILITIES WITHIN THE IRON AND STEEL INDUSTRY (SIC CODES 331 AND 332).
K087	DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS
K143	NOT DEFINED

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/21/99

Date Made Active at EDR: 06/09/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/14/99

Elapsed ASTM days: 26

Date of Last EDR Contact: 03/03/99

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/98

Date Made Active at EDR: 01/18/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/13/99

Elapsed ASTM days: 5

Date of Last EDR Contact: 01/04/99

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 05/10/99

Date Made Active at EDR: 06/09/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/12/99

Elapsed ASTM days: 28

Date of Last EDR Contact: 02/08/99

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 04/26/99

Date Made Active at EDR: 06/09/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/14/99

Elapsed ASTM days: 26

Date of Last EDR Contact: 03/31/99

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/99

Date Made Active at EDR: 04/16/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/17/99

Elapsed ASTM days: 30

Date of Last EDR Contact: 03/16/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 03/25/99

Date of Next Scheduled EDR Contact: 06/21/99

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/99

Date of Next Scheduled EDR Contact: 07/12/99

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/24/99

Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/02/99

Date of Next Scheduled EDR Contact: 05/31/99

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/98

Date of Next Scheduled EDR Contact: 05/24/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/99

Date of Next Scheduled EDR Contact: 05/17/99

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/15/99

Date of Next Scheduled EDR Contact: 06/14/99

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/99

Date of Next Scheduled EDR Contact: 07/19/99

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 04/01/99

Date of Next Scheduled EDR Contact: 06/28/99

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/26/99

Date of Next Scheduled EDR Contact: 07/26/99

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/01/98

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/99

Date of Next Scheduled EDR Contact: 07/05/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF ILLINOIS ASTM RECORDS:

LUST: Leaking Underground Storage Tank Sites

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6760

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/01/99

Date of Data Arrival at EDR: 03/22/99

Date Made Active at EDR: 04/21/99

Elapsed ASTM days: 30

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/02/99

SHWS: State Oversight List

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4863

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 12/07/98

Date of Data Arrival at EDR: 12/23/98

Date Made Active at EDR: 01/26/99

Elapsed ASTM days: 34

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/02/99

LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/01/98

Date of Data Arrival at EDR: 02/26/99

Date Made Active at EDR: 03/25/99

Elapsed ASTM days: 27

Database Release Frequency: Annually

Date of Last EDR Contact: 02/15/99

UST: STC (State, Town, County) Facility List

Source: Illinois State Fire Marshal

Telephone: 217-785-0969

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/03/98

Date of Data Arrival at EDR: 07/23/98

Date Made Active at EDR: 08/21/98

Elapsed ASTM days: 29

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/99

STATE OF ILLINOIS NON-ASTM RECORDS:

NIPC: Solid Waste Landfill Inventory

Source: Northeastern Illinois Planning Commission

Telephone: 312-454-0400

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/88

Date of Last EDR Contact: 06/11/97

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CAT: Category List

Source: Illinois EPA

Telephone: N/A

Sites on this list are: Notice of Response Action, NPL, Pre/osed NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup St d and/or Completed Sites.

Date of Government Version: 06/01/97

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/02/99

Date of Next Scheduled EDR Contact: 05/31/99

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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DELISTED NPL: NPL Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/23/99

Date Made Active at EDR: 06/09/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/12/99

Elapsed ASTM days: 28

Date of Last EDR Contact: 02/08/99

NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/21/99

Date Made Active at EDR: 06/09/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/14/99

Elapsed ASTM days: 26

Date of Last EDR Contact: 03/03/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

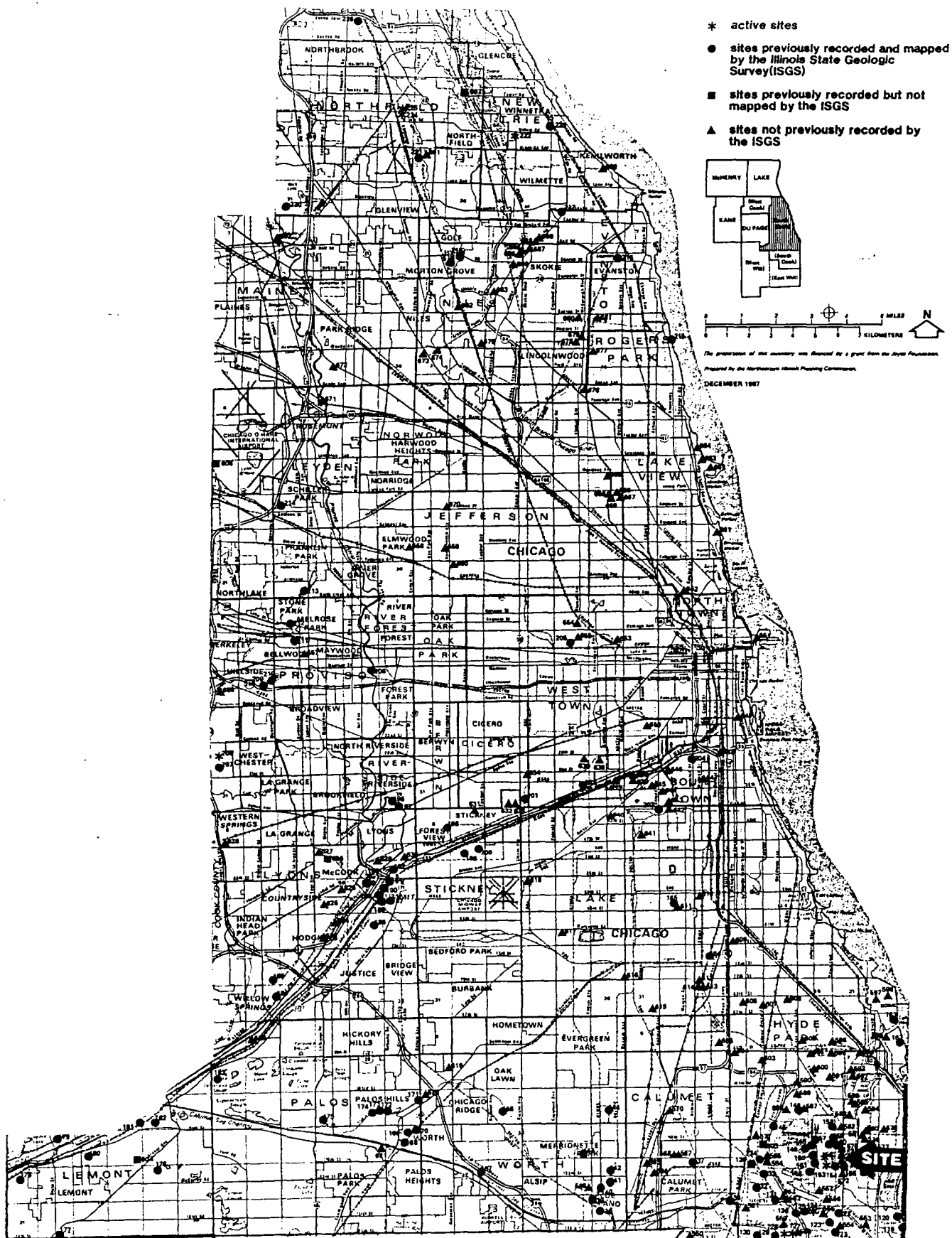
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

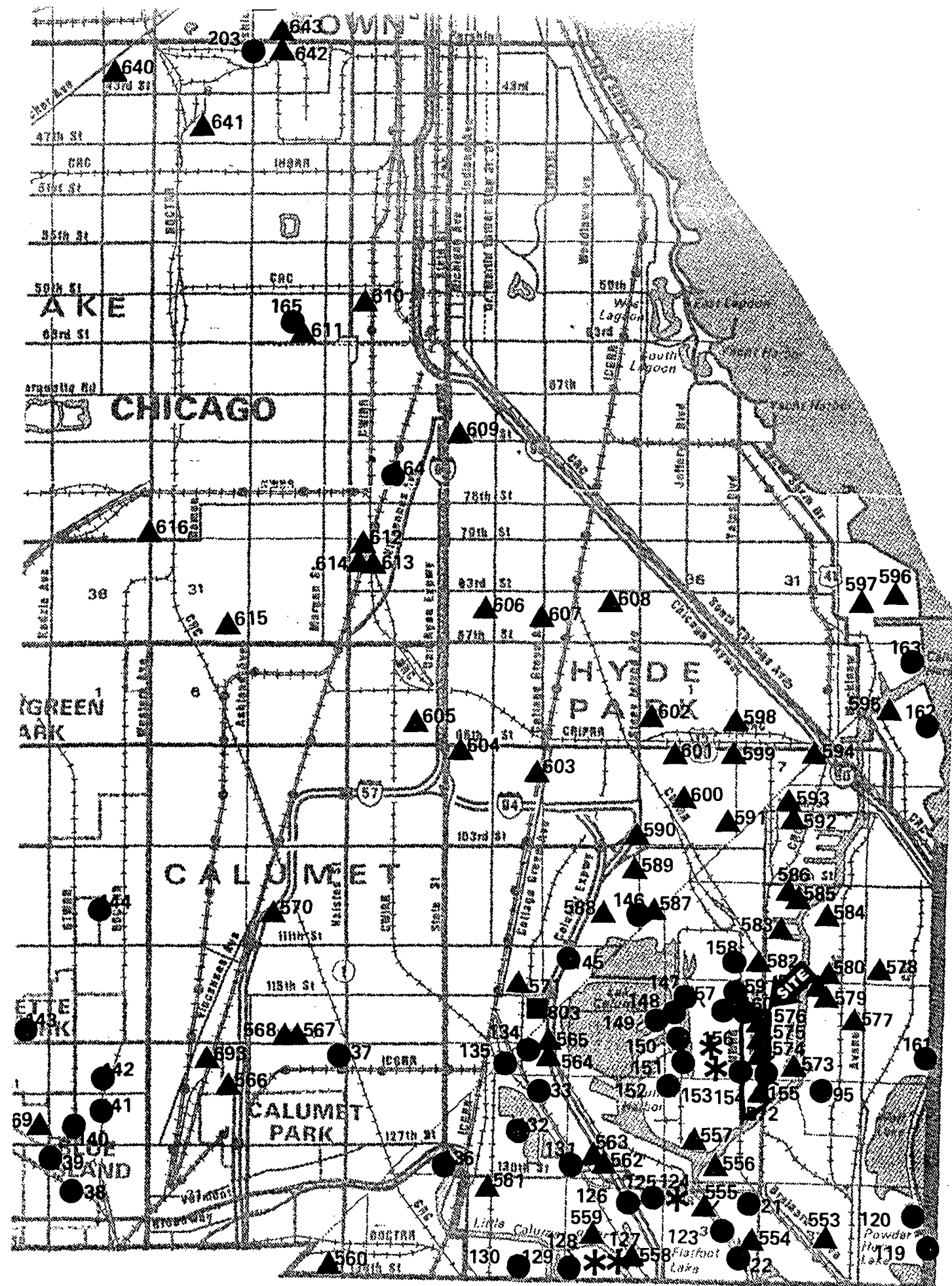
Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

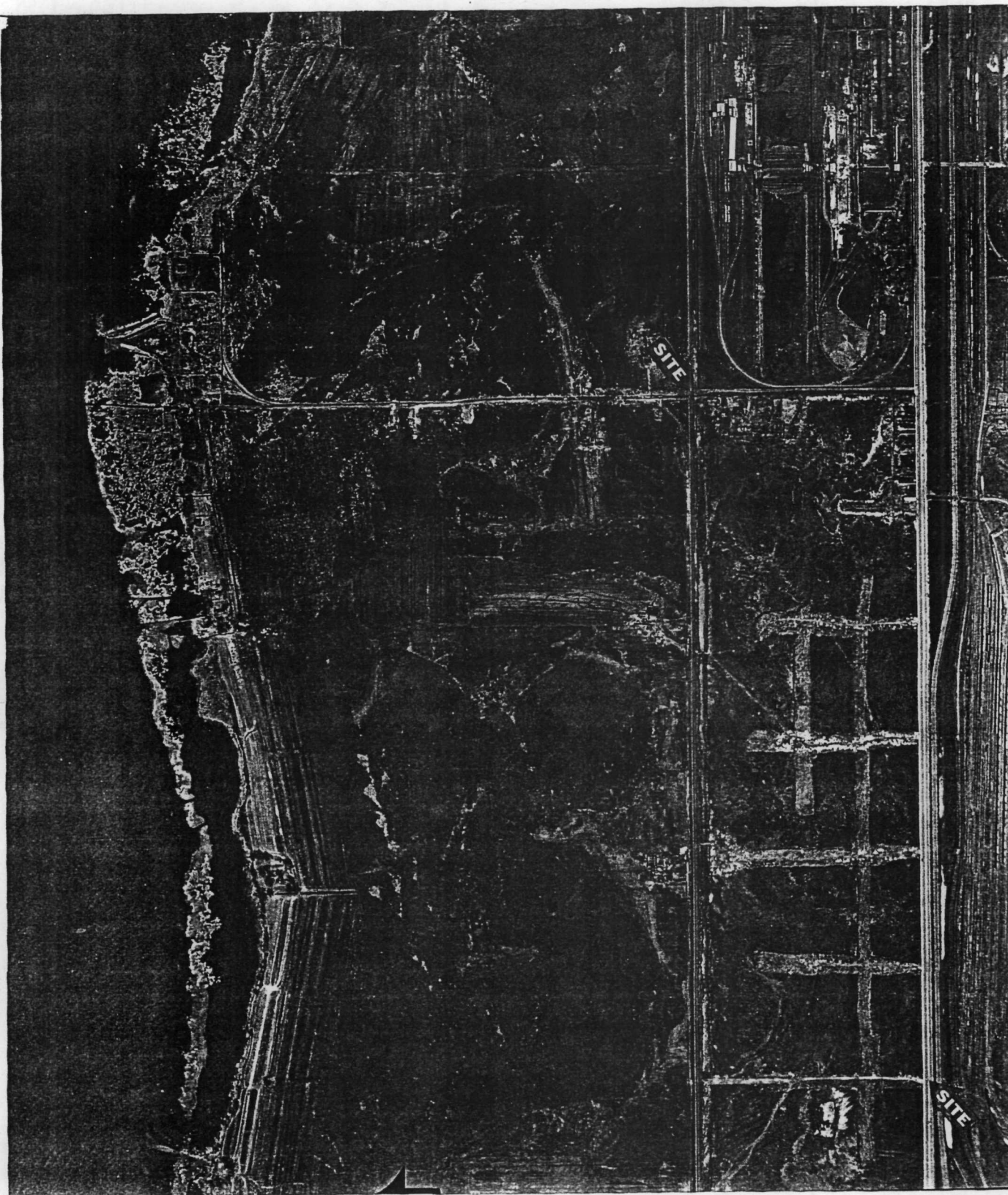
Appendix H: NIPC *Historical Inventory of SWDS* Map

HISTORICAL INVENTORY OF SOLID WASTE DISPOSAL SITES IN NORTHEASTERN ILLINOIS NORTH COOK COUNTY





Appendix J: Historical Aerial Photographs



Mostardi Platt

A Full Service Environmental Consulting Company

Title:

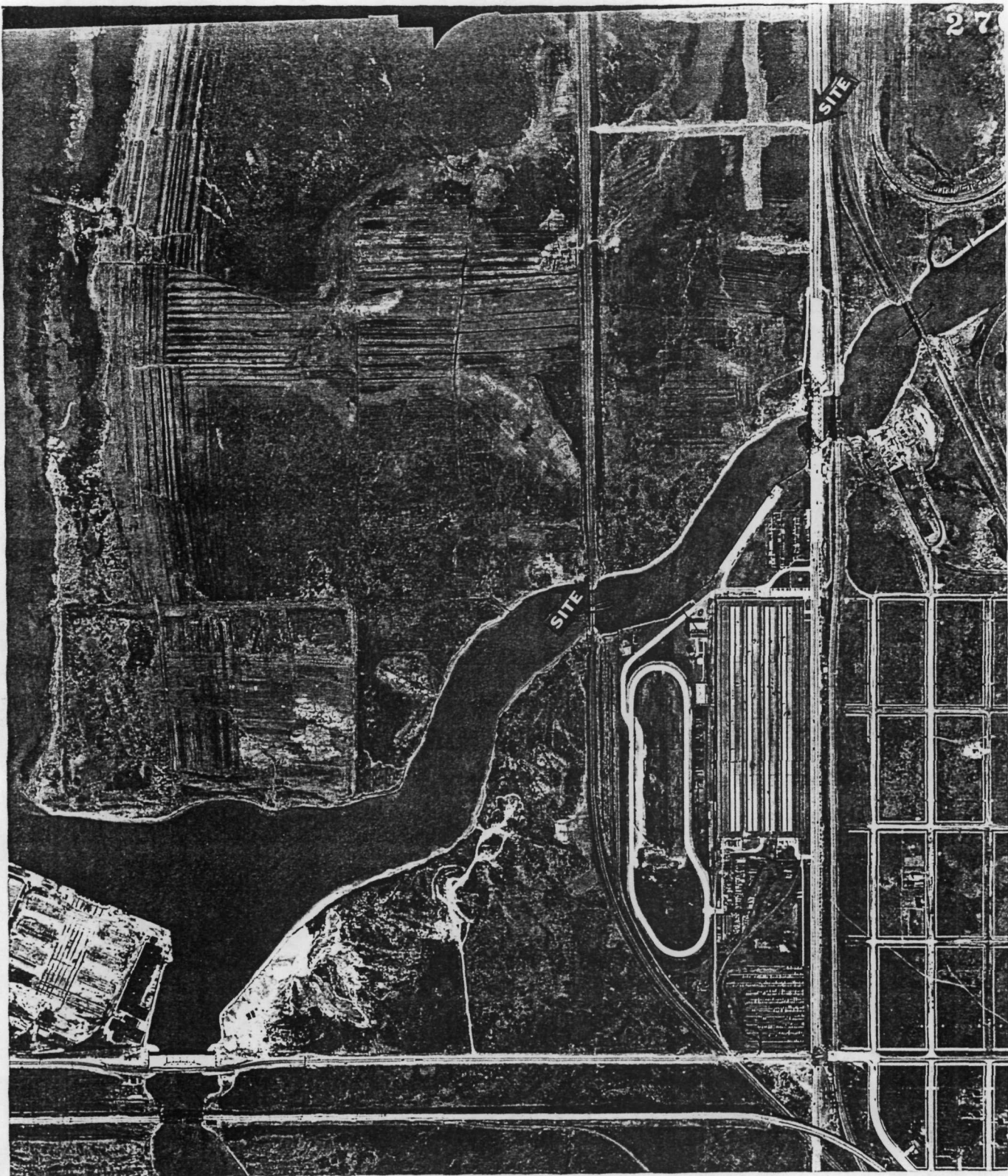
North Indian Ridge Marsh

Date of Map:

April 20, 1949

Approximate Scale:

1" = 800'



Mostardi Platt

A Full Service Environmental Consulting Company

Title:

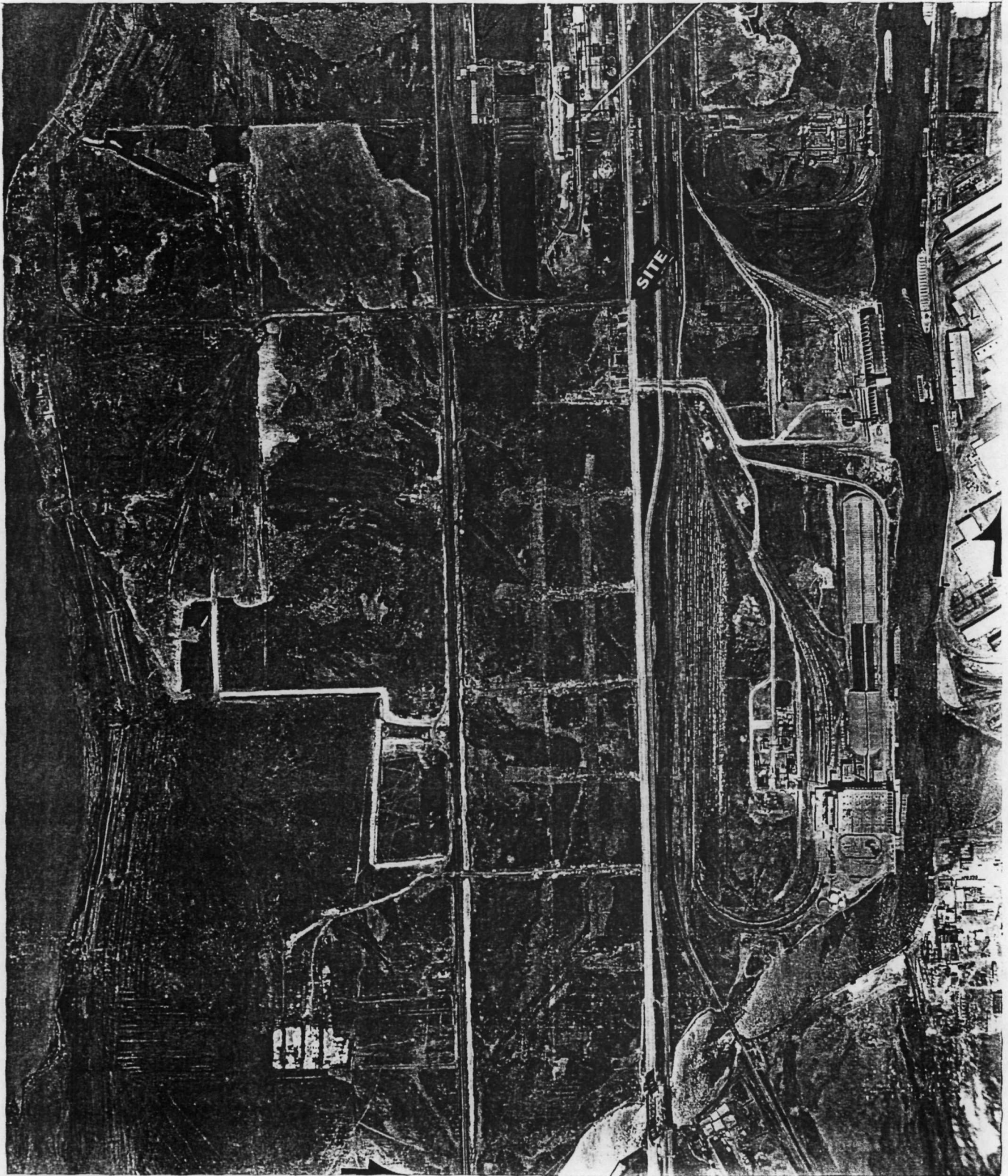
South Indian Ridge Marsh

Date of Map:

April 20, 1949

Approximate Scale:

1" = 800'



Mostardi Platt

A Full Service Environmental Consulting Company

Title:

North and South Indian Ridge Marshes

Date of Map:

May 6, 1958

Approximate Scale:

1" = 1,000'



SITE



Mostardi Platt

A Full Service Environmental Consulting Company

Title:

North and South Indian Ridge Marshes

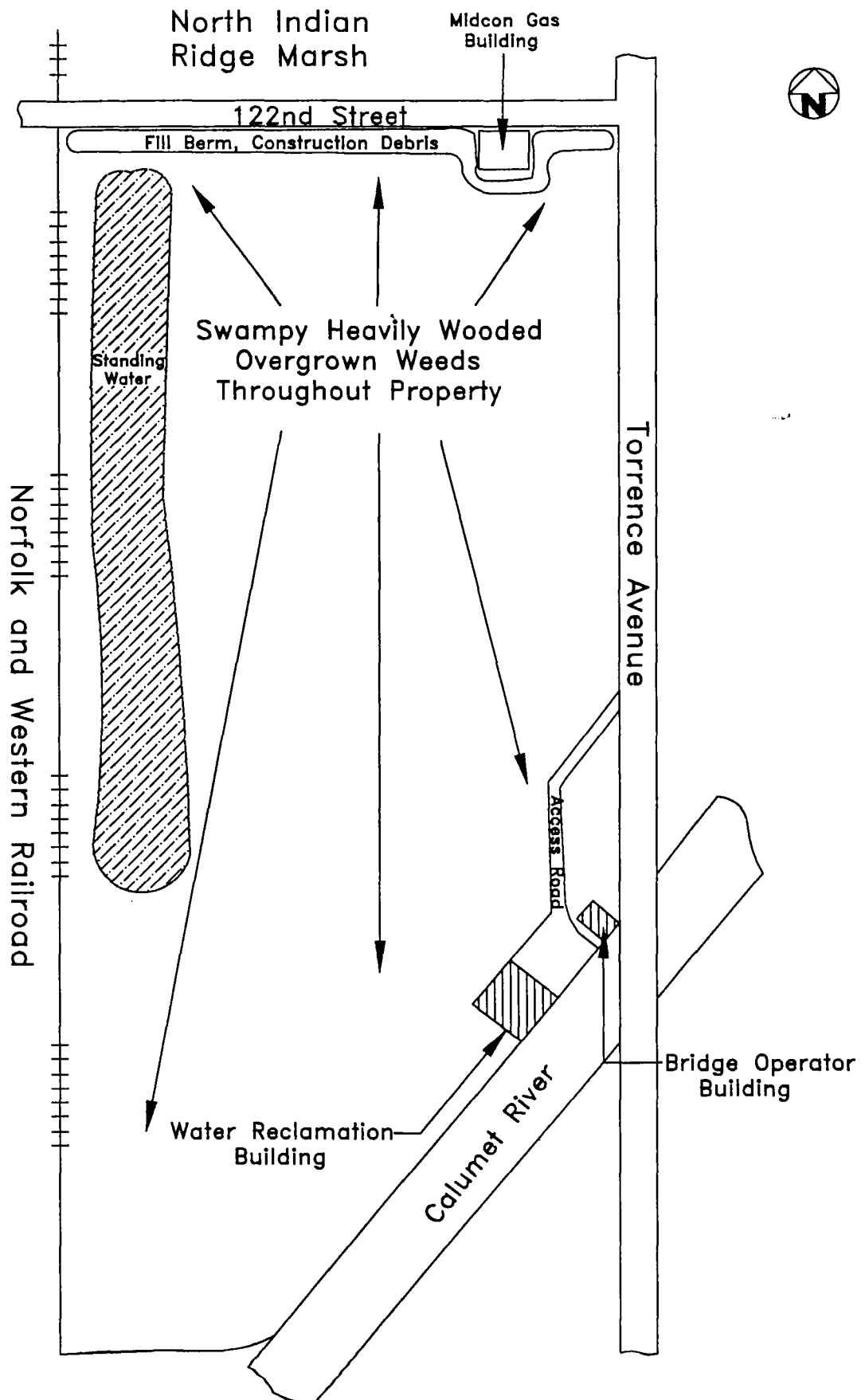
Date of Map:

April 30, 1963

Approximate Scale:

1" = 1,000'

Appendix K: Site Diagrams



Mostardi Platt

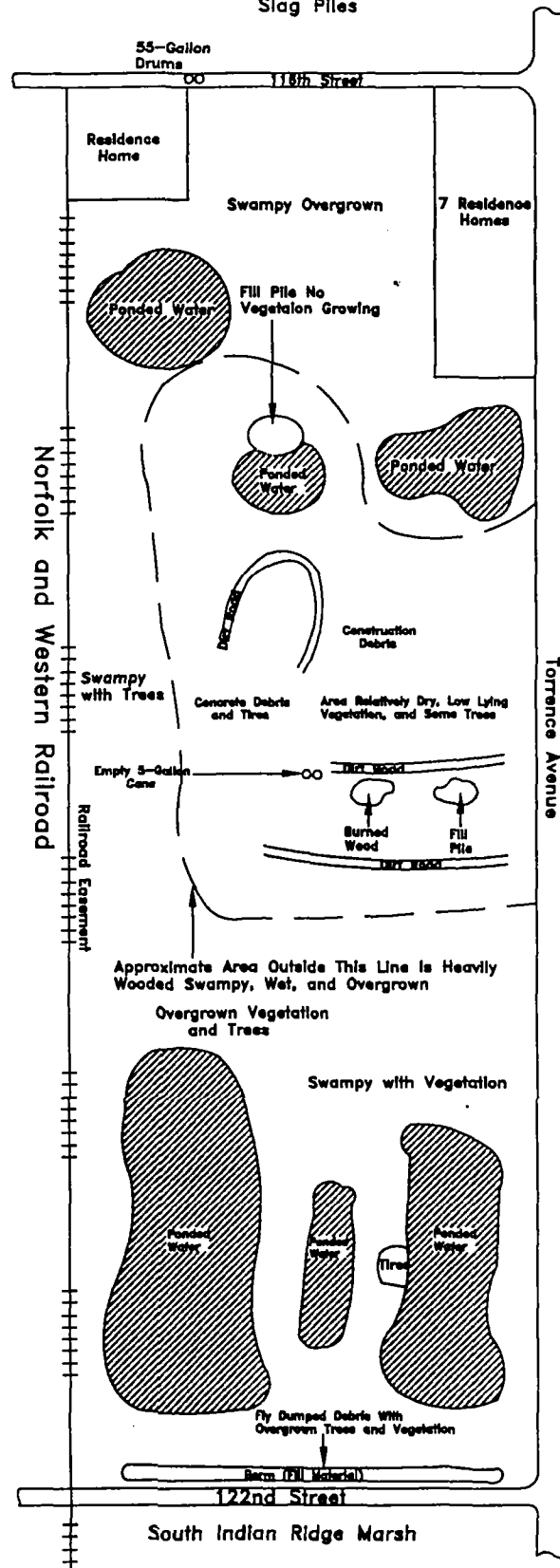
A Full Service Environmental Consulting Company

Revision No. 1	Title: South Indian Ridge Marsh Site Diagram 122nd and Torrence Ave. Chicago, Illinois		Date: 08-06-99
Drawn by: BAP			Approximate Scale: 1" : 350'
Reviewed by: JAM	Project Number: 92340	Project Name: Indian Ridge Marsh	File Name: south_site.dwg

ACME Steel
Coke Plant
Slag Piles



Apparent Landfill



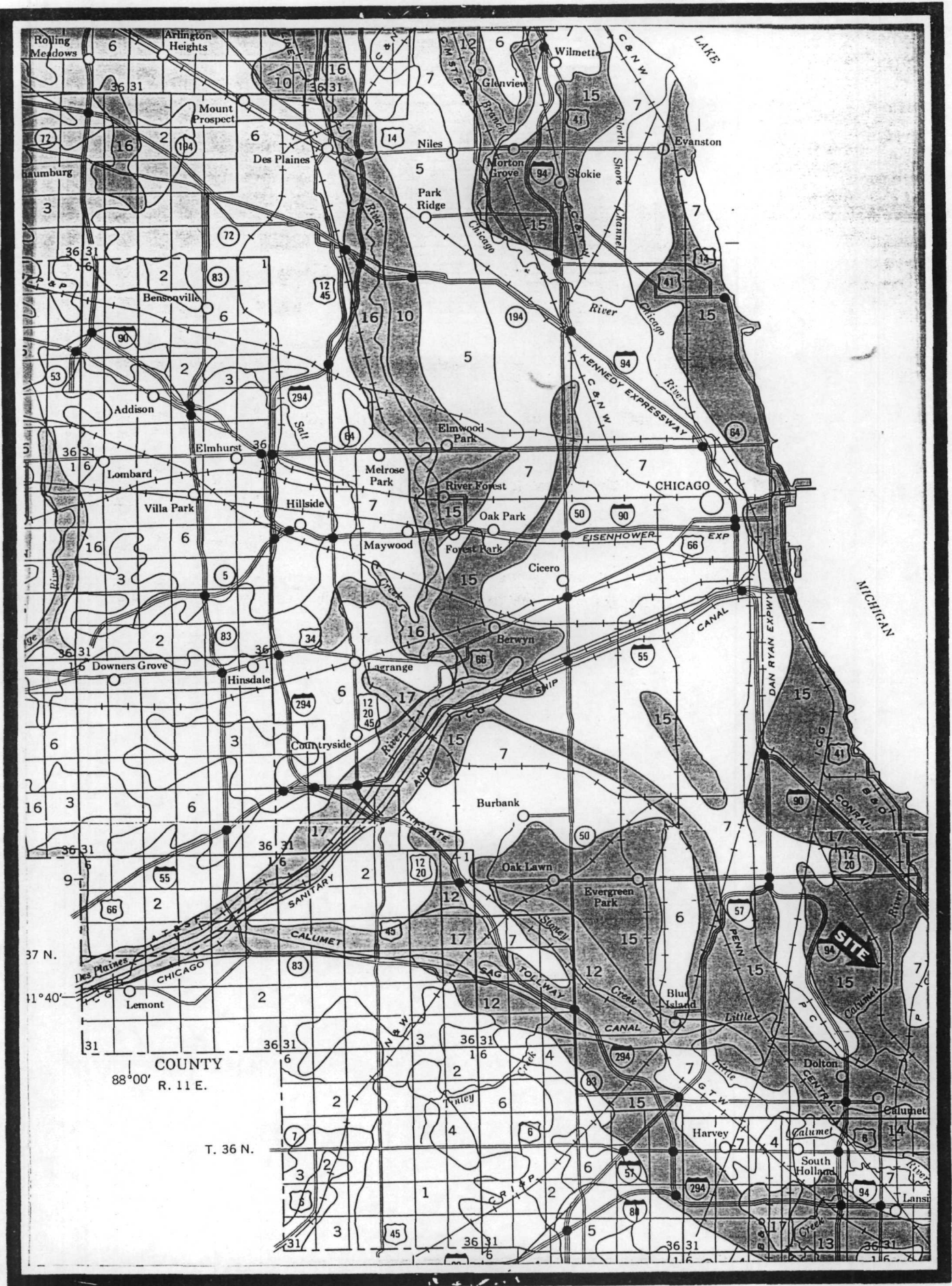
Mostardi Platt

A Full Service Environmental Consulting Company

Revision No. 1	Title: North Indian Ridge Marsh Site Diagram 122nd and Torrance Ave. Chicago, Illinois		Date: 08-06-99
Drawn by: BAP			Approximate Scale: 1" : 500'
Reviewed by: JAM	Project Number: 92340	Project Name: Indian Ridge Marsh	File Name: north_site.dwg

Appendix L: National Wetlands Inventory Map and Soil Survey Map





Appendix I: CDOE Site Assessment and Records



City of Chicago
Mayor Richard M. Daley, Mayor

Department of Environment

Mr. L. Henderson
Commissioner

City Hall, Fifth Floor
111 North LaSalle Street
Chicago, Illinois 60602-2575
744-7606 (Voice)
744-6451 (FAX)
744-3586 (TTY)

www.ci.chi.il.us

MEMORANDUM

TO: James Gibson
Environmental Coordinator

FROM: Naren M. Prasad
Environmental Engineer I

RE: Indian Ridge Wetlands Site
Preliminary Environmental Site Assessment

DATE: May 19, 1998

Per your request, a Preliminary Environmental Site Assessment (PESA) has been initiated for the area commonly known as Indian Ridge Wetlands, generally located at 122th St./Torrence Ave. (the Site) on the City's south side. The purpose of this memo is to present a summary of the methods and results of the PESA.

METHODS

The objective of the PESA was to identify actual and potential environmental liabilities associated with the present and previous uses of the Site as well as the current physical condition of the Site. To accomplish this objective, the following activities were performed: Federal and State database review, local records review, aerial photograph interpretation, Sanborn map interpretation, and Site reconnaissance.

This PESA is intended to provide you with an initial overview of the potential environmental concerns associated with the Site -- it is not intended to provide the detailed information regarding potential environmental concerns necessary to satisfy the American Society of Testing and Materials Standard E-1527 for Phase I Environmental Site Assessments.

SUMMARY OF FINDINGS

Following is a summary of the key PESA findings based on the interpretation of the information currently available:

1. *Federal and State Database Review.* The Federal and State database review of the subject area, performed by Environmental Risk Information & Imaging Services (ERIIS), indicates the presence of the following on or near the subject area:



Please
Recycle!



- * Three Comprehensive Environmental Response, Compensation, and Liability Information System sites located at 116th/Torrence, 122nd/Torrence, and 10655 S. Torrence.
- * Once Resource Conservation and Recovery Act Information System-Small Quantity Generators site located at 11201 S. Torrence.
- * Once Civil Enforcement Docket site at 116th/Paxon.
- * One Facility Index System site at 10924 S. Torrence.
- * Two Hazardous Waste Sites at Interlake Landfill and Paxon Ave. Lagoon (no addresses given).
- * Two Leaking Underground Storage Tank sites at 10924 S. Torrence and 122nd/Torrence.
- * Nine Solid Waste Facility sites at 119/Torrence, 118th/Torrence, LHL#2 (no address given), 129th/Torrence, Interlake Landfill (no address given), Paxton Landfill Corp. #2 (no address given), Calumet Harbor Development Co. (no address given), Paxton Avenue Lagoon Site (no address given), and LHL#1 (no address given).
- * Four Registered Underground Storage Tanks sites at 12958 S. Carondolet, 12660 S. Carondolet, 12600 S. Torrence, and 3032 E. 130th.

2. *Local Records Review.* A review of the available DOE records for the subject area indicates the following:

- * 12400 S. Torrence - Installation of two 19,200 gallon diesel oil tanks on 1/49.
- * 12600 S. Torrence - Installation/diking of one 40,000 gallon fuel oil tank and one 10,000 anti-freeze tank on 4/58; installation of one 300 gallon diesel oil tank on 5/69; installation of one 10,000 gallon neutralizing solution tank, one 6,000 gallon sulfuric acid tank, and relocation of one 15,000 gallon tank on 6/76; installation of one 2,000 gallon fuel oil tank on 8/82; installation of one 3,000 gallon fuel oil tank on 7/79; installation of one 100 gallon diesel oil tank on 10/79; installation of two 15,000 gallon gasoline tanks on 10/81; concrete filling of four 6,250 gallon gasoline tanks on 4/83; Installation of one 10,000 gallon resin storage tank on 4/83; removal of four 6,250 gallon gasoline tanks on 9/86; installation of three

12,000 gallon solvent tanks on 12/89; and removal of three 6,500 gallon solvent tanks on 3/91.

- * 2638 E. 126th - Installation of one 10,000 gallon fuel oil tank on 9/60.
- * 2648 E. 126th - Installation of two 400 gallon gas tanks on 8/54; installation of one 2,500 gallon fuel oil tank on 4/75.
- * 2710 E. 126th - Installation of one 2,000 gallon fuel oil tank on 1/61.

3. *Aerial Photograph Interpretation.* Both the 1988 and 1994 aerial photographs indicate the Site to be a heavily vegetated area. Two landfills are present west of the Site during this time.
4. *Sanborn Map Interpretation.* No Sanborn maps were available for the subject area.
5. *Physiographic Review.* The Site is approximately 105 acres in area. It is bounded to the east by Torrence Ave., to the west by a rail line, to the south by 122nd St., and to the north by 116th St..

According to the Phase I Environmental Reclamation Study Report, dated 2/27/98, prepared for the Lake Calumet area, "The shallow stratigraphy lake plain consists of deposits belonging to the Carmi Member of the Equality Formation. These are primarily quiet-water lacustrine sediments consisting of well-bedded silt and clay. The Carmi Member can contain occasional lenticular deposits of sand and sandy gravel that were deposited in near-shore environments that would have been associated with beaches of the various glacial lake states. It should be noted, however, that much of the Chicago Lake Plain is covered by "made land" that can consist of various fill materials including soil, clay, steel mill, highway and demolition debris, municipal solid waste (MSW), MSW ash, hazardous waste, solid industrial waste and construction/demolition debris." (See attached "Fill Deposits Map").

6. *Site Reconnaissance.* The Site consists of a heavily vegetated wetland area adjacent to a heavy industrial area (See attached Site Location Map). Of note during the Site reconnaissance, conducted on April 15, 1998, was the following items (also marked on the Site Location Map):
 - (1) Garbage and litter was observed along the southern border of the Site along 122nd St.
 - (2) Approximately 200 discarded tires were observed throughout the Site.

- (3) Empty shell casings were observed throughout the Site.
- (4) The Site is adjacent to the Land and Lakes Landfill (to the west) and the Paxton Landfill (to the northwest).
- (5) Assorted refuse including, but not limited to, municipal waste, roofing materials, and furniture, was observed dumped throughout the Site.
- (6) A crushed, rusted 55-gallon drum, with what appeared to be an automobile engine inside, was observed on the west portion of the Site.
- (7) Slag was observed throughout the Site and slag piles were observed along the eastern portion of the Site in particular. A pathway through the marsh area appeared to be made up of fill material.
- (8) A 55-gallon drum full of what appeared to be foam spray insulation was observed at the western portion of the Site.
- (9) A 55-gallon drum full of a black, viscous substance, possibly tar, was observed at the western portion of the Site.
- (10) A riser pipe (3" inner diameter) for a groundwater monitoring well was observed at the northern portion of the Site.
- (11) Two abandoned automobiles were observed on-Site.

SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS

Based on our review of the information currently available, three Recognized Environmental Conditions (RECs) exist on the site. Following is a summary of each REC:

1. *Open Dumping.* The Site is the location of excessive open dumping of materials including, but not limited to, assorted municipal solid waste, roofing materials, 55-gallon drums, slag, and abandoned vehicles.
2. *Slag Dumping.* Slag was observed throughout the Site underlying its surface, in small and large piles, and also extensively along the eastern perimeter of the Site.
3. *Adjacent Industrial Areas.* The database search, aerial photographs, and Site reconnaissance all indicate the present and past use of the subject property and adjacent

James Gibson
May 19, 1998
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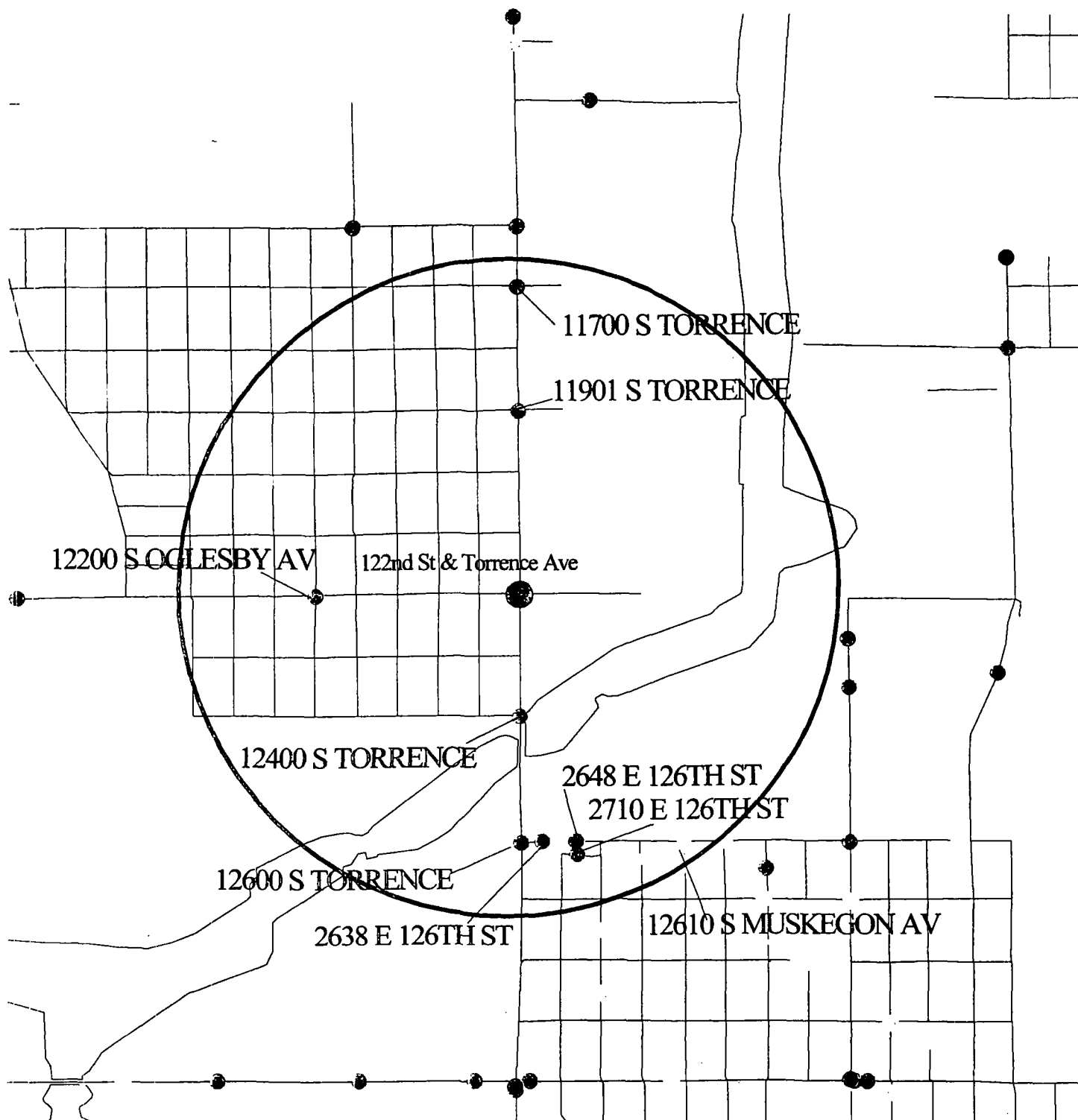
properties as industrial in nature. It is unknown what, if any, environmental impacts these pasts uses may have had on the subject area.

If you have any questions, please contact me.

Attachments: Site Location Map
Fill Deposit Map
Photograph Log

cc: William Trumbull, Deputy Commissioner (w/out attachments)
David J. Reynolds, Assistant Commissioner (w/out attachments)

NMP:nmp\indnridg.wpd



- UST Sites after 1992
- UST Sites before 1992
- Inspections
- Complaints
- Enforcements
- Street Network
- Major Streets
- Hydrological features
- City Limits

FREEDOM OF INFORMATION
REQUEST

AS OF 4/22/98 AT 12600 S Torrence
WE HAVE RECEIVED THE FOLLOWING COMPLAINTS

Date	Time	Taken	
Received	Recieved	By	Type
7/12/93	01:05 PM	BM	Asbestos
TICKET ? CA		COURT DATE ?	CLOSED: Y
COMMENTS: Employee states might be some suspect glove bag procedures being done.			
11/15/93	09:05 AM	KJ	Spray Painting
TICKET ? CA		COURT DATE ?	CLOSED: Y -
COMMENTS: Spraypainting area discharging from the roof into the sewer.			

CITY OF CHICAGO / DEPARTMENT OF ENVIRONMENT
ANNUAL SURVEY OF PROCESS AND CONTROL EQUIPMENT FOR 1998

BILLING ADDRESS
Dennis Populorum
11700 S Torrence
Chicago IL 60617
(312) 375-1830 FEIN #: 360947870

WNT NUMBER: 016125
CLASS: A1
TYPE:
FEE PAID: 11/18/97
COMMENT:

PLANT: Continental Grain Company
11700 S Torrence
ZIP: 60617 PHONE: (312) 375-1830
CONTACT: D. Populorum, Superintendent

YEAR SURVEYED BY: 36 ON: February 25, 1998

1998 SURVEY BY: ON:

ARE MILE: 02802 SIC # 2041 SIZE CODE: 3 POTENTIAL NOISE: N POTENTIAL WASTE: N

UP RR	POLL TANT	SUB POL	NUM SHIFT	ITEM ITM	EQUIPMENT	DEFECT CODE	BASIS AMOUNT	EMISSION FACTOR	POTENTIAL EMISSION	COLLECTION EFFICIENCY	AMOUNT COLLECTED	CNTL DEV EMISSION	ACTUAL EMISSION
00	01		1	1	712		450000.0	.80	360000.0	0.00	0.00	0.00	360000.00
	PART				TRUCKING AREA		TON/YR	LB/TON	LB/YR				LB/YR
02	01		1	2	035		0.0	0.00	0.0	.99	0.00	0.00	0.00
	PART				BAGHOUSE R JET								
00	01		1	1	745		175000.0	.80	140000.0	0.00	0.00	0.00	140000.00
	PART				RR/BARGE LOAD		TON/YR	LB/TON	LB/YR				LB/YR
02	01		1	1	035		0.0	0.00	0.0	.99	0.00	0.00	0.00
	PART				BAGHOUSE R JET								
00	01		1	2	745		50000.0	.80	40000.0	0.00	0.00	0.00	40000.00
	PART				RR/BARGE LOAD		TON/YR	LB/TON	LB/YR				LB/YR
02	01		1	2	035		0.0	0.00	0.0	.99	86.00	.87	.87
	PART				BAGHOUSE R JET						TON/YR	TON/YR	TON/YR
00	01		1	5	731		165000.0	.01	1650.0	0.00	0.00	0.00	1650.00
	PART				GRAIN STORAGE		TON/YR	LB/TON	LB/YR				LB/YR
02	01		1	1	035		0.0	0.00	0.0	.99	0.00	0.00	0.00
	PART				BAGHOUSE R JET								
00	01		1	11	709		900000.0	.80	720000.0	0.00	0.00	0.00	720000.00
	PART				BUCKET ELEVATOR		TON/YR	LB/TON	LB/YR				LB/YR
02	01		1	16	701		0.0	0.00	0.0	0.00	0.00	0.00	0.00
	PART				BELT CONVEYOR								
04	01		1	6	740		0.0	0.00	0.0	0.00	0.00	0.00	0.00
	PART				TRIPPERS								
06	01		1	5	715		0.0	0.00	0.0	0.00	0.00	0.00	0.00
	PART				WEIGHING STATION								
08	01		1	16	035		0.0	0.00	0.0	.99	26.00	.26	.26
	PART				BAGHOUSE R JET						TON/YR	TON/YR	TON/YR

PER OF ITEMS AT PLANT: 69

CITY OF CHICAGO / DEPARTMENT OF ENVIRONMENT
ANNUAL SURVEY OF PROCESS AND CONTROL EQUIPMENT FOR 1998

ANT NUMBER: 023495

CLASS: A1

TYPE: Automotive Assembly Pl

FEE PAID: 3/18/97

7 COMMENT: NO EQUIPMENT CHANGES MADE FOR 1996 !!!!!!!

PLANT: Ford Motor Company

12600 S Torrence

ZIP: 60633 PHONE: (312) 646-7472

CONTACT: Dan Uhle, Plt Env Engineer

BILLING ADDRESS

Dan Uhle, Plt Env Eng

12600 S Torrence

Chicago IL

(312) 646-7472 FEIN #: 380549190

1997 YEAR SURVEYED BY: 36 ON: December 8, 1997

1998 SURVEY BY: ON:

ARE MILE: 03002

SIC # 3711

SIZE CODE: 9

POTENTIAL NOISE: N

POTENTIAL WASTE: N

UP POLL PP TANT	SUB POL	NUM SHIFT	DEFECT ITM	EQUIPMENT	DETECT CODE	BASIS AMOUNT	EMMISSION FACTOR	POTENTIAL EMMISSION	COLLECTION EFFICIENCY	AMOUNT COLLECTED	CNTL DEV EMMISSION	ACTUAL EMMISSION
02 01	2	2	659			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				PART	GRINDING AREA							
04 01	2	3	035			0.0	0.00	0.0	.98	0.00	0.00	0.00
				PART	BAGHOUSE R JET							
00 01	2	3	735			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				PART	SANDING AREA							
00 04	2	1	258			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				FUME	WELDING AREA							
00 02	2	7	101			61565.0	1.00	61565.0	0.00	0.00	0.00	61565.00
				SOLV	SPRAY BOOTH	GAL/YR	GAL/GAL	GAL/YR				
02 02	2	0	101			347198.0	.64	222206.7	0.00	0.00	0.00	222206.72
				SOLV	SPRAY BOOTH	GAL/YR	GAL/GAL	GAL/YR				
4 04	2	1	006			0.0	0.00	0.0	.95	0.00	0.00	0.00
				FUME	AFTER BURNER							
0 02	2	5	265			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				SOLV	PAINT BAKE OVEN							
0 02	2	0	101			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				SOLV	SPRAY BOOTH							
2 02	2	1	272			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				SOLV	WASH OVEN COMBO							
2 04	2	1	805			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				FUME	MATER WASH AREA							
2 02	2	1	723			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				SOLV	FUEL STOR TANK							
2 02	2	4	724			0.0	0.00	0.0	0.00	0.00	0.00	0.00
				SOLV	SOLVENT STOR TK							
0 01	2	0	101			8800.0	.20	1760.0	0.00	0.00	0.00	1760.00
				PART	SPRAY BOOTH	GAL/YR	LB/GAL	LB/YR				

CITY OF CHICAGO / DEPARTMENT OF ENVIRONMENT
ANNUAL SURVEY OF PROCESS AND CONTROL EQUIPMENT FOR 1998

BILLING ADDRESS

WNT NUMBER: 023495

PLANT: Ford Motor Company

Dan Uhle, Plt Env Eng

CLASS: A1

12600 S Torrence

12600 S Torrence

TYPE: Automotive Assembly Pl

ZIP: 60633

PHONE: (312) 6 6-7472

Chicago IL

,60633

FEE PAID: 3/18/97

CONTACT: Dan Uhle, Plt Env Engineer

(312) 646-7472 FEIN #: 380549190

7 COMMENT: NO EQUIPMENT CHANGES MADE FOR 1996 !!!!!!!

ST YEAR SURVEYED BY: 36 ON: December 8, 1997

1998 SURVEY BY:

ON:

ARE MILE: 03002

SIC # 3711

SIZE CODE: 9

POTENTIAL NOISE: N

POTENTIAL WASTE: N

UP POLL	SUB	NUM	DEFECT	BASIS	EMMISSION	POTENTIAL	COLLECTION	AMOUNT	CNTL DEV	ACTUAL		
PLANT	POL	SHIFT	ITM	EQUIPMENT	CODE	AMOUNT	FACTOR	EMMISSION	EFFICENCY	COLLECTED	EMMISSION	EMMISSION
04 02		2	0	101		8800.0	.80	7040.0	0.00	0.00	0.00	7040.00
SOLV				SPRAY BOOTH		GAL/YR	GAL/GAL	GAL/YR				GAL/YR
02 03		2	1	105		0.0	0.00	0.0	0.00	0.00	0.00	0.00
ODOR				PAINT DIP								
00 02		2	1	273		0.0	0.00	0.0	0.00	0.00	0.00	0.00
SOLV				OTHER OVEN								

BER OF ITEMS AT PLANT: 31

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ---> 12958 S CARONDOLET
WALTER A BRANDYS

DATE ISSUED: 10/05/92 BLDG PERMIT NUMBER: 760574
TYPE OF WORK: SANDFILL 2-1K GAL TKS FINAL N/G
WORK BY: COMPLIANCE ENGINEERING

DATE ISSUED: 9/09/92 BLDG PERMIT NUMBER: 759463
TYPE OF WORK: REMOVE 1-8K, 1-4K, 1-3K, 1-2K GASLN 1-1K HTG OIL 2-500 WO
WORK BY: COMPLIANCE ENGINEERING

DATE ISSUED: 2/01/89 BLDG PERMIT NUMBER: 706657
TYPE OF WORK: REMOVE 1-1K, 1-4K, 1-8K GAL TKS CANCEL 6/18/90
WORK BY: R. W. COLLINS

DATE ISSUED: 10/21/83 BLDG PERMIT NUMBER: 633707
TYPE OF WORK: GLASS ARMOUR 1-3K GAL TANK FINAL 3/1/84
WORK BY: MIDWEST TANK LINING INC.

DATE ISSUED: 7/29/75 BLDG PERMIT NUMBER: 507619
TYPE OF WORK: REMOVE 1-4K GAL GASLN FINAL 9/17/75
WORK BY: H & H TANK INSTALLERS

DATE ISSUED: 9/24/62 BLDG PERMIT NUMBER: 320856
TYPE OF WORK: INSPECT 2-4K GAL GASLN FINAL 10/9/62
WORK BY: H & H TANK INSTALLERS

DATE ISSUED: 6/23/54 BLDG PERMIT NUMBER: 113221
TYPE OF WORK: REPLACE 3-1K 1-2K GASLN 2-1K FO, 1-500 WO REMOVE 2-1K, 1-2K
WORK BY: MATELA BOYLE

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT.---> 12315 S BURLEY
REPUBLIC STEEL CORPORATION

DATE ISSUED: 8/13/82 BLDG PERMIT NUMBER: B616867

TYPE OF WORK: SANDFILL 1-3K FUEL OIL FINAL 9/27/82

WORK BY: HECKETT, DIV. OF HARS CO. CORP.

DATE ISSUED: 6/20/80 BLDG PERMIT NUMBER: B584228

TYPE OF WORK: INSTALL 1-1.5K FUEL OIL FINAL 11/20/81

WORK BY: JAY CONSTRUCTION CO.

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ---> 2648 E 126TH ST
BIRD & SON

DATE ISSUED: 4/15/75 BLDG PERMIT NUMBER: 503881

TYPE OF WORK: INSTALL 1-2.5K F.O.

WORK BY: HERMAN BOGOT & COMPANY

DATE ISSUED: 8/09/54 BLDG PERMIT NUMBER: 115915

TYPE OF WORK: INSTALL 2-400 GAS

WORK BY: N/G

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ---> 13129 S HOUSTON
SAINT FLORIAN CHURCH

DATE ISSUED: 11/02/55 BLDG PERMIT NUMBER: 183207

TYPE OF WORK: INSTALL 1-3K GAL FUEL OIL TANK FINAL 10/30/56

WORK BY: MOSBECK OIL EQUIPMENT

[illegible]

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ---> 11700 S TORRENCE
N/G

[illegible]

2

..

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ----> 13145 S HOUSTON
SAINT FLORIAN'S CHURCH

DATE ISSUED: 9/04/58 BLDG PERMIT NUMBER: 245812
TYPE OF WORK: INSTALL 1-3K GAL FUEL OIL TANK FINAL 4/21/60
WORK BY: MOSBECK OIL EQUIPMENT
=====

DATE ISSUED: 4/04/52 BLDG PERMIT NUMBER: N/G
TYPE OF WORK: INSTALL 1-3K GAL FUEL OIL TANK FINAL 8/6/52
WORK BY: HOOD CONSTRUCTION
=====

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ---> 11901 S TORRENCE
CARGILL INC.

DATE ISSUED: 3/08/95 BLDG PERMIT NUMBER: N/A
TYPE OF WORK: SEE 12200, 12201, 12131 S. TORRENCE
WORK BY: N/A

DATE ISSUED: 9/06/90 BLDG PERMIT NUMBER: 729055
TYPE OF WORK: REMOVE 4-20K GAL FUEL OIL TANKS FINAL 10/31/90
WORK BY: HERITAGE REMEDIATION

DATE ISSUED: 12/07/83 BLDG PERMIT NUMBER: 635488
TYPE OF WORK: RELOCATE 1-15,638 GAL MINERAL SPIRITS TK FINAL 8/24/84
WORK BY: RAFFIN CONSTRUCTION

DATE ISSUED: 7/31/81 BLDG PERMIT NUMBER: N/G
TYPE OF WORK: 2-225K VEG OIL, 2-20K F.O. 2-13K HEXANE, 3-8,500 & 2-20K LIN
WORK BY: N/G

DATE ISSUED: 12/08/56 BLDG PERMIT NUMBER: 404880
TYPE OF WORK: INSTALL 1-750K GAL SOY BEAN OIL TANK FINAL 10/22/53
WORK BY: A. J. LUNDGUST

DATE ISSUED: 5/11/51 BLDG PERMIT NUMBER: 410309
TYPE OF WORK: INSTALL 2-225K GAL VEGETABLE OIL TANK FINAL 1/25/52
WORK BY: GRAVER TANK & MFG

DATE ISSUED: 3/15/51 BLDG PERMIT NUMBER: 407891
TYPE OF WORK: INSTALL 3-8500 & 2-20K GAL LINSEED OIL TKS FINAL 5/10/51
WORK BY: OWNER

DATE ISSUED: 1/09/50 BLDG PERMIT NUMBER: 387867
TYPE OF WORK: INSTALL 2-20K GAL FUEL OIL TANKS FINAL 5/8/50
WORK BY: HOOD CONSTRUCTION

DATE ISSUED: 9/22/49 BLDG PERMIT NUMBER: 383119
TYPE OF WORK: INST 3-20,600\1-10,600\1-31K\2-91,500 SOYBEAN, 2-31K HEXANE
WORK BY: BLAW-KNOX CONSTRUCTION

DATE ISSUED: 1/03/48 BLDG PERMIT NUMBER: 372887
TYPE OF WORK: INSTALL 1-1K GAL GSLN TANK FINAL 2/15/49
WORK BY: BISHTON

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ---> 12400 S TORRENCE
FAIRBANKS, MORSE & CO CARGILL & CNW EL

DATE ISSUED: 1/27/47 BLDG PERMIT NUMBER: 345582

TYPE OF WORK: INSTALL 2-19,200 GAL DIESEL OIL TANKS FINAL 1/5/49

WORK BY: CHICAGO STEEL TANK

[illegible]

THE FOLLOWING LIST ARE OLD BUILDING DEPARTMENT PERMITS
ISSUED FOR UNDERGROUND STORAGE TANK WORK PRIOR TO 1/1/93
AT ----> 12600 S TORRENCE
FORD MOTOR COMPANY

DATE ISSUED: 1/29/91 BLDG PERMIT NUMBER: 734504
TYPE OF WORK: REMOVE 3-6.5K SOLVENT TKS FINAL 3/6/91
WORK BY: ENRAC MIDWEST

DATE ISSUED: 8/09/88 BLDG PERMIT NUMBER: 700293
TYPE OF WORK: INSTALL 3-12K GAL SOLVENT TKS FINAL 12/7/09
WORK BY: FORD MOTOR COMPANY

DATE ISSUED: 3/27/86 BLDG PERMIT NUMBER: 664785
TYPE OF WORK: REMOVE 4-6,250 GAL GSLN USTS FINAL 9/4/86
WORK BY: ED GRAY CORPORATION

DATE ISSUED: 4/12/85 BLDG PERMIT NUMBER: 553517
TYPE OF WORK: INSTALL 1-10K GAL RESIN STORAGE TK FINAL 4/11/85
WORK BY: PIPING SYSTEMS

DATE ISSUED: 3/24/83 BLDG PERMIT NUMBER: 625233
TYPE OF WORK: CONCRETE FILL 4-6,250 GAL GSLN TANK FINAL 4/22/83
WORK BY: BORG MECHANICAL CONTRACTORS

DATE ISSUED: 10/15/81 BLDG PERMIT NUMBER: 605111
TYPE OF WORK: INSTALL 2-15K GAL GSLN TANK FINAL 2/24/83
WORK BY: BORG MECHANICAL CONTRACTORS

DATE ISSUED: 10/23/79 BLDG PERMIT NUMBER: 573740
TYPE OF WORK: INST 1-100 GAL DIESEL OIL DAY TANK EMERGENCY GENERATOR
WORK BY: UNIVERSAL POWER

DATE ISSUED: 7/24/78 BLDG PERMIT NUMBER: 548772
TYPE OF WORK: INSTALL 1-3K GAL FUEL OIL TANK FINAL 7/31/79
WORK BY: ED GRAY CORPORATION

DATE ISSUED: 6/14/78 BLDG PERMIT NUMBER: 546648
TYPE OF WORK: INSTALL 1-2K GAL FUEL OIL TNK FINAL 8/9/82
WORK BY: ABBOTT & ASSOCIATES

DATE ISSUED: 6/17/76 BLDG PERMIT NUMBER: 518046
TYPE OF WORK: INST 1-10K NEUTRALIZING, 1-6K SULFURIC ACID, RELOCATE 1-15K
WORK BY: DONALD GUSTAFSON

DATE ISSUED: 4/22/68 BLDG PERMIT NUMBER: 399977
TYPE OF WORK: INSTALL 1-300 GAL DIESEL OIL TANK FINAL 5/1/69
WORK BY: ED GRAY CORPORATION

DATE ISSUED: 1/24/57 BLDG PERMIT NUMBER: 210288
TYPE OF WORK: INSTALL/DIKE 1-40K F.O. & 1-10K ANTI-FREEZE FINAL 4/3/58
WORK BY: G. W. NEWBURG

ACILITY: PVS CHEMICALS INC. STATE ID: 2022004
12260 S CARONDOLET
CHICAGO, IL 60633 WARD-10
CONTACT: MICHEAL HERMANOWICZ PHONE: (312) 933-6800

OWNER: PVS CHEMICALS
10900 HARPER
DETROIT, IN 48213
CONTACT: MICHEAL HERMANOWICZ PHONE: (312) 933-8857

CURRENT SITE TANK INFORMATION AS OF 12/15/94

ANKS ON SITE: SIZE OF TANKS:
YPE OF TANKS: AGE OF TANKS:
YPE(S) OF MATERIAL INVOLVED:

CURRENT STATUS: Case closed
GENERAL COMMENTS: ACCORDING TO THE ANALYTICAL ANALYSIS REPORT SUBMITTED BY THE
CONTRACTOR, DYNECOL, THE SAMPLES HAVE REFLECTED NO
CONTAMINATION IN EXCESS OF THE LIMITS REQUIRED BY THE STATE.
NO FURTHER ACTION IS REQUIRED.

UST PERMITS LISTED BELOW (OLD) BLDG DEPT PERMITS IF ANY LISTED ON NEXT PAGE

PERMIT-101345 TYPE-REMOVAL		TOT.TKS: 1 4K			
RECEIVED	PRE-INSPECTION	ISSUED	EFFECTIVE	EXPIRATION	COMPLETION
1/01/94	12/15/94-(41)	11/07/94	12/01/94	6/01/95	12/15/94

TRACTOR: ROY ROELKE PETROLEUM EQUIPMENT INC (351-09-7177)
OMMENTS: NO VISUAL OR OLFACTORY EVIDENCE OF CONTAMINATION.